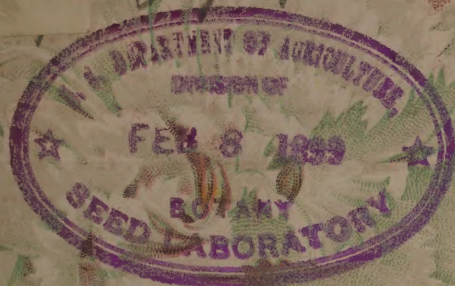


63.01
Canada
1898-1899

899



LIBRARY,
U.S. Department of Agriculture,
Washington, D. C.

63.01

Floral Collection

CARNATION,
GIANT MARGUERITE
CHOICE MIXED
15¢ PER PKT. OR 2 PKT. FOR 25¢
CLIMBING
NASTURTIUM,
MADAME GUNTERS HYBRIDS
MIXED COLORS
10¢ PER PKT. PER OUNCE 25¢
ONE PKT. OF CARNATION
AND ONE PKT. OF
NASTURTIUM
FOR 20¢

1899

Simmers'

GENERAL ANNUAL
SEED CATALOGUE

147, 149 & 151, KING ST E.

TORONTO ONT.

PLEASE INTRODUCE OUR CATALOGUE AMONG YOUR FRIENDS. Having gone to great expense in issuing this illustrated and descriptive catalogue, and considering that we **MAIL IT FREE OF CHARGE**, we trust our Friends and Customers will see that it is placed where it may be serviceable and remunerative to us, kindly recommending our firm, for which we shall feel extremely thankful. Those who receive our Catalogue from year to year, and who have no use for it, would confer a great favor by advising us of same, and by giving us, if possible, the name of someone to whom it would be of benefit.

J. A. SIMMERS, TORONTO, CANADA.

- - INDEX - -

Vegetable and Field Seeds		Flower Seeds		Corn Flower		Malva		Virginian Stock		Tigridia	
				page.							
Collections, colored pages		Collections		39-42-64		Correopsis		55		63	
Artichokes		Abobra		43		Cosmos		55		49	
Asparagus		Abonia		43		Cowslip		55		63	
Barley		31		43		Cucumis		55		63	
Beans		8-9-34		43		Cuphea		55		63	
Beets, Table		10		43		Cyclamen		55		63	
Beets, Sugar		10		43		Cyclanthera		55		63	
Borecole		10		43		Cyperus		55		63	
Brocoli		9		43		Cypress Vine		55		63	
Brussels Sprouts		10		43		Dahlia		55		63	
Buckwheat		34		43		Daisy		55		63	
Cabbage		11		43		Datura		55		63	
Cardoon		12		43		Delphinium		55		63	
Carrots		12-31		43		Dianthus		55		63	
Cauliflower		13		43		Dictamnus		55		63	
Celery		14		43		Didiscus		55		63	
Chervil		13		43		Dielytra		55		63	
Chicory		13-32		43		Digitalis		55		63	
Chives		12		43		Dolichos		55		63	
Citron		18		43		Dracena		55		63	
Clover		38		43		Dracocephalum		55		63	
Collards		15		43		Dusty Miller		55		63	
Corn, Sugar and Pop		15		43		Dutchman's Pipe		55		63	
Corn, Ensilage		34-35		43		Eccremocarpus		55		63	
Corn, Broom		29		43		Echeveria		55		63	
Corn Salad		12		43		Elichrysium		55		63	
Cress		12		43		Erysimum		55		63	
Cucumber		16		43		Erythrina		55		63	
Egg Plant		15		43		Eschscholtzia		55		63	
Endive		13		43		Euphorbia		55		63	
Garden Lemon		18		43		Evening Primrose		55		63	
Garlic		16		43		Everlastings		55		63	
Gourds		16		43		Ferns		55		63	
Grass Seeds		37-38		43		Feverfew		55		63	
Herbs		29		43		Flos Andonis		55		63	
Horse Radish		16		43		Forget-Me-Not		55		63	
Kale		10		43		Foxglove		55		63	
Kohl Rabi		17		43		Four O'Clock		55		63	
Lathyrus Sylvestris		34		43		Fragaria		55		63	
Leek		17		43		Freesia		55		63	
Lettuce		17		43		Fuchsia		55		63	
Mangels		32		43		Gaillardia		55		63	
Martynia		19		43		Gamolepis		55		63	
				44-45		Gentiana		55		63	
						Geranium		55		63	
						Gilia		55		63	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	
								56		64	

Special Premiums to Cash Buyers

.. For 1899 ..

PURCHASERS MAY SELECT PREMIUMS

ON ORDERS FROM THIS CATALOGUE, AS FOLLOWS:

1-25 Cts. Worth of Seeds EXTRA

Will be allowed on each order amounting to **ONE DOLLAR** for Seeds in **PACKETS** only. Thus any one sending \$1.00 can select any Seeds in **PACKETS** to the value of \$1.25.

Customers Sending \$2.00 May Select \$2.60

"	"	3.00	"	"	4.00
"	"	4.00	"	"	5.25

WORTH OF VEGETABLE and FLOWER SEEDS
(IN PACKETS ONLY).

These discounts apply **ONLY** to orders of **ONE DOLLAR**, or more, for Seeds in **PACKETS**. We allow an order for twenty-five cents as carefully as one for twenty-five dollars, **BUT** we cannot afford to allow these liberal discounts **UNLESS** seeds in **packets** amount to one dollar or more. It should be understood plainly that these discounts do **not** apply to seeds by the ounce, quarter-pound, pound, pint, quart, nor to **BULBS** or **PLANTS** upon which the prices are **net**. Please do not ask us to include any of these in the list of discounts, or to send "premiums." We fill all orders liberally, but there is a limit beyond which we cannot afford to go.

SIMMERS' VEGETABLE AND FLOWER GARDEN.

A little book, giving full and explicit directions how to grow Vegetables and Flowers. Price 15 cents, or, when asked, free with every order for Vegetable or Flower Seeds amounting to \$1.00 or more.

'AMERICAN GARDENING'

(A Weekly Magazine)

Given away with all orders of \$5.00 or over.
(Price \$1.00 per year).

4-0r "DAIRYING FOR PROFIT."

Price 25 cents.

Given **FREE** with Every Order for **CARROT, MANGEL** and **TURNIP** of \$1.00 and upwards.

5-0r "HOW TO GROW MUSHROOMS."

Price 10 cents.

FREE with every order for two bricks of **Mushroom Spawn**.

6-0r OUR NEW BOOK, "FLOWER BULBS and THEIR CULTURE,"

Contains full information how to be successful in the **Flowering of Bulbs**. Price 25 cts. Or with orders from 50 cts. to \$1.00, selected from this Catalogue, we will send it for 15 cts. **Given free** with all orders for bulbs amounting to \$1.00 and over.

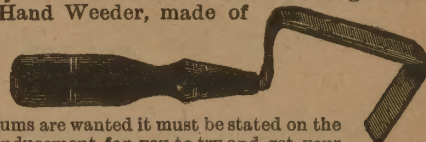


7-0r AN ENGLISH Garden Trowel.

With every **Two Dollar Order** we will give one strong English Garden Trowel, the most useful tool the amateur gardener can have.

8-0r A HAZELTINE HAND WEEDER.

With every **Two Dollar Order** we will give one **Hazeltine Hand Weeder**, made of the best solid steel, good size and durable.



When any of these premiums are wanted it must be stated on the order. This should be an inducement for you to try and get your neighbors to club with you. **NOTE.**—The above premiums apply to Cash Orders only, and at Retail Catalogue Prices.

WE
PAY THE
..POSTAGE..

TO ANY POST OFFICE IN
THE DOMINION

ON ALL VEGETABLE SEEDS

By the packet, ounce and quarter pound at Catalogue Prices. ALSO
Flower Seeds, Bulbs, Roses, Vines and Plants,
EXCEPT WHERE NOTED.

Add 5c. pint, 10c. quart on Beans, Corn and Peas if wanted by mail

VEGETABLE SEEDS by the peck or bushel.

FARM SEEDS,
TOOLS, Etc.

are F. O. B. Toronto,
purchaser to pay
transportation
charges.

OUR PATRONS WILL PLEASE BEAR
IN MIND THAT

WE FILL ORDERS OF ALL VALUES

Recently we learn from our friends that they forgot to include a packet of this in ordering, and they hesitated about sending for the omissions alone "because it made such a small order," but you need not hesitate; do not let the smallness of your order prevent you from sending to us, for we have a large **Mailing Department** especially for small orders, where we fill hundreds of them every day.

GOOD ADVICE

IN TIME OF WINTER PREPARE FOR SPRING.

Order early and have **your Seeds** on hand when it is **Time to Sow.**

SIMMERS' SEEDS
ARE THE LOWEST-PRICED
GOOD SEEDS.

How We Fill Your Order

COMMON SENSE ABOUT SEEDS. Any seeds are seeds. True! So any tea is tea; so any flour is flour. But grades differ. It's so with seeds. There are grades. **You want the Best.** If you understood seeds as well as you do tea and flour, it would be easy to determine. But you don't. How should you when all look alike.

When you are going to buy a commodity whose value you don't know, you pick out an old-established house to trade with, and trust their experience and reputation. Do so when buying seeds. You can buy seeds at almost any price you choose to pay. **But** a few cents' reduction in the price may mean a reduction of many dollars in the value of the crop. Can you afford to take such chances?



For nearly fifty years we have sought the trade of those who appreciate the **BEST SEEDS at fair prices**; and that we have been successful in furnishing such is evidenced by the fact that our business, is to-day the **largest of any house in Canada** direct with critical market gardeners and experienced growers who plant for profit and whose wise motto always is

"Not How Cheap, But How Good."

WE CLAIM

That our improved methods of packing, mailing and shipping give us the **advantage of filling an order** faster than any other house in Canada, without exception.

The Freight Shipping Department is under our personal supervision. The farm seed orders are filled in a special department, properly labeled and addressed. They are then let down to the 1st floor by means of an electric elevator. From which department during the busy season, many teams haul the freight to the

different depots, boat landings, express offices, etc.

The Mail Order Department is complete in all its details. Every invention possible to quickly and accurately facilitate the prompt dispatch of an order has been made. In this department many clerks pick out the orders, check them, pack them, weigh and stamp the packages and then deposit the same in mail bags furnished us in large numbers by the Post Office Department. This department can fill and dispatch hundreds of orders daily, and, during the busy season, is open day and night. **Our Motto is Promptness and Efficiency.**

OUR DOUBLE SEED WAREHOUSES

Located on the principal business street of Toronto, **Nos. 147, 149 and 151 King Street East**, afford us every facility for the conduct of a large business, being especially arranged to accommodate the various departments of the Seed business. Visitors are always welcome here.

While we do not wish to appear egotistical, yet in justice to ourselves and our seeds, and for the benefit of people who have never dealt with us, we claim to be the producers and distributors of the **BEST SEEDS IN THE WORLD**—it is our business and our profession. We have given you an inkling of our methods, and now we wish to say that, from a business point of view, we know that planters of seeds buy them entirely on confidence; we realize that to lose a man's confidence is to lose his patronage. If you have never used our seeds, **TRY THEM THIS YEAR**, and we will try and retain your confidence, as we have succeeded in doing with annually increasing thousands for nearly half a century, and we promise you all that we shall spare no expense or trouble to make our seeds even better than ever.

J. A. SIMMERS,

TORONTO, CANADA.

J. A. SIMMERS

Novelties and Specialties

IN VEGETABLE
SEEDS.

1899

SIMMERS' PREMIER CABBAGE.

As Early as the Wakefield and One-Third More Productive.

This new Cabbage has been grown by a number of progressive gardeners, and it has given entire satisfaction. It is of the type of the early "Allhead," resembling it in habit of growth, but is smaller and **as early as the Wakefield**. The heads have few outside leaves and these are small and grow so close to the head that they can be planted very close together. It is very uniform, round in shape, slightly flattened, very solid, even before the Cabbages attain their mature size. The flavor is excellent. On account of its shape, productiveness and solidity, it will prove a serious rival to the Wakefield, hitherto the most profitable and best early Cabbage. Gardeners cannot afford to be without this as it will be a good "seller," round Cabbages receiving always the preference if offered in competition with pointed heads, while its compact form and good quality will commend it for the private garden.

Price per pkt 10c, oz 40c, $\frac{1}{4}$ lb \$1.00, lb \$4.00.

WINTER CABBAGE THE "LUPTON"

The Lupton Cabbage is the result of an effort to combine in one variety the best qualities of the second early and the late sorts. We do not know of a Cabbage which we would as soon plant for a main crop variety as this one. It is a little earlier than any one of the various strains of Flat Dutch and Drumhead, and of closer growth. The heads are particularly large in proportion to the plant, which grows strong but does not spread out much. The stalk is rather short, color, dark green. In a great measure we appear to have succeeded in getting rid of the coarseness of the late sorts, as the quality is fine; it is also one of the best keepers we have, and comes out in spring, bright and fresh. The heads are not likely to crack open, although it will not stand as long as All Seasons, which is quite a remarkable Cabbage in this respect. As for uniformity, it will grow more uniform and head better than the late varieties.

Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.



Simmers' Premier Cabbage.

What is a PACKET of Seed ?

Those who purchase seeds by weight or measure can see readily whether the full quantity bought has been delivered. Thousands, however, requiring only a small supply of Vegetable or Flower Seeds purchase "packets." **PACKET is an elastic term.** The quantity of seeds contained in a "packet" depends entirely upon the liberality of the seedsman.

In these times some dealers seek to draw trade by offering seeds seemingly very cheap at odd figures—such as 2 cts., 3 cts., and 7 cts., "per packet." Comparison of these so-called "**Cheap seeds**" with the regular packets filled by us have shown that in **quantity** as well as **quality**.—**OUR SEEDS are really cheaper.**



Golden Rose Celery.

Rose Ribbed Paris Golden, or Golden Rose Self Blanching Celery.

Golden Rose is a development of the favorite Golden Self-blanching, and shows its parentage in its strong habit of growth, while its self-blanching character is strongly fixed. The plant is dwarf and heavy, the stalks are very broad and solid, and are also entirely free from those objectionable ridges which generally accompany stringiness; indeed, there is so little string that the stalks are positively brittle. The general color is about identical with Golden self-blanching, except that the naturally golden-colored stalks are suffused with a warm, rosy hue, which gradually fades towards the top of the stalks, where it assumes a bright golden color when properly blanched and fit for the table. The unique combination of color makes it exquisitely beautiful in appearance, and its self-blanching habit assures its earliness, whilst its hardness and solidity bespeaks its ability to keep for a considerable time. (See cut.)

Charming combinations of color.

Beautiful rose-colored stalks, surmounted with golden plumes.

Blanches naturally.

Remarkably early and a perfect keeper.

Exquisite in flavor.

Price 10c. pkt., $\frac{1}{2}$ oz 30c, oz 50c, $\frac{1}{4}$ lb \$1.50.



Simmers' Imperial Celery.

GREEKSID GLORY TOMATO

This choice Tomato is very robust in habit of growth and is exceedingly prolific. It carries its fruit in clusters, which being large, round, perfectly smooth and of a deep rich red color make it exceedingly handsome. It ripens early, has a most delicious flavor and is a good keeper. One of the most attractive and handsomest varieties grown, and well adapted for home use and market, on account of its solidity and long-keeping qualities, it is especially recommended for shipping. The skin seems to be crack proof, as the past season shows.

The clusters bear three to five large, symmetrical fruits on hard, woody, stems, the fruit ripening very evenly from the blossom end to the stem.

Its table qualities are excellent; the flesh, when fully ripe, being tender and melting, not hard as one might conclude from the solidity of the uncut fruit.

Those who grow it will find it a valuable acquisition, and will be surprised at its distinctness from all other known sorts.

Pkt 15c, 2 for 25c.

TABERS I.X.L.

GREEN POD BEAN

Is quite unique—the nearest to a stringless green pod Bush Bean in cultivation. It surpasses all others in crispness, tender flavor, and is also the most prolific. The illustration shows the width and thickness of the beautiful, straight, green pods, which are almost stringless, full and fleshy. Plants of medium growth, pods nine to ten inches long, light green in color, flesh tender and of the best quality. The pods remain long in edible condition; even when the beans are large the pods are not stringy. Valuable for good quality and lack of stringiness. Per pkt 10c, 1b 20c, 2 lbs 35c, 5 lbs 60c, peck \$1.25.



SIMMERS' IMPERIAL CELERY

This variety is not a sport or hybrid, white or yellow, but a common, green Celery of the old familiar kind. But it has a pedigree, and breeding, and traditions, and a name, which it must preserve.

When fully grown the outer stalks average two inches wide and are nearly as thick as a man's finger. The immense stalks can be sliced lengthwise, and are always very crisp and brittle, snapping like glass.

After growing to a great size, it lends itself readily to the blanching process, assuming a rich, yellow tinge in the heart, and presenting a very attractive appearance.

As to its more important qualities, we may mention that a large celery grower who had some of it for trial last year, pronounced it the very best for market purposes of all the sorts he grew. With ourselves it proved to be the largest, hardest, solidest, crispest, best keeper and best shipping winter Celery we know of.

Per pkt 10c, 3 for 25c, oz 75c.

KENDEL'S EARLY GIANT SWEET CORN.

This new and distinct variety of Sweet Corn combines more merit than any other early variety in cultivation. The ears grew to a very large size, measuring 8 to 10 inches long and having ten to eighteen rows on each cob, the majority having twelve rows; kernels pure white, sweet and tender.

We do not place Kendel's Early Giant Sweet Corn on the market as a novelty—it is more than that—it is an article of real merit, and hence it gives us pleasure to be able to attach our name to something we believe will come into general use.

Pkt 5c, 1b 20c, 2 lbs 35c.



LIVINGSTON'S EMERALD CUCUMBER.

Retains every good point in the best strains of White Spine, and in addition, possesses that rich, dark green color which has been so long sought for but never before obtained. It is strictly an evergreen, retaining its color until fully ripe. On sight, its distinct dark green and spineless skin attracts the attention of everyone interested. The fruit sets early, and its vigorous vines abound in long, straight, handsome fruits of the most desirable qualities. The flesh being peculiarly crisp and tender, and the flavor delicate, highly recommend it as a slicer. The young fruit being dark green, straight and tender, makes an excellent pickle, and when ripe none excel it for making sweet pickles.

Pkt 10c, oz 25c.

THE "PAUL ROSE" MUSKMELON



Paul Rose Muskmelon

MR. PAUL ROSE WRITES,—"I have found in my experience of nearly twenty years in melon growing, that there is an increased demand in most of the large cities for salmon-fleshed melons. For this reason I have labored to bring this melon to perfection, and by what you have already seen and learned of it, and by what the trade says of it wherever it has been introduced, you can judge whether I have succeeded in supplying the 'long felt want' or not. *The Paul Rose will carry farther, stand up longer and give better satisfaction than any salmon-fleshed melon I have ever grown.* It is the best melon I have found for the North. My experience with it the past season was highly satisfactory, except that it grows a little larger. I shall discard the Osage and plant the Paul Rose melon instead. This melon in every instance arrived in good condition and sold for top prices."

We print Mr. Rose's Statement exactly as Mr. Rose writes it, and add here only its description, size, color and appearance. In size the **Paul Rose** ranks with well grown specimens of Netted Gem, average melons having a diameter of $4\frac{1}{2}$ to $5\frac{1}{2}$ inches, with a thickness of flesh of $1\frac{1}{2}$ inches, leaving a remarkably small seed cavity. This peculiarity, combined with close grained structure of flesh make this melon weigh fully one-third more than a Netted Gem of the same size.

The color of its beautiful netting is gray, which is underlaid by the dark green rind which characterizes the Osage, and shows plainly in the creases of the **Paul Rose**, producing a strikingly beautiful appearance, unparalleled by any other melon. Everyone who plants the **Paul Rose** will concur with the originator's estimate of its superior value, above that of any other melon so far placed upon the market.

PRICE—Pkt 10c, 3 pkts for 25c, oz 50c, 2 oz for 80c.

Radish "Triumph"

This is a peculiar and valuable novelty.

The root is globe shape and strikingly handsome on account of its bright scarlet stripes on a white ground.

The strain is not quite established yet, but after several years close selection we have succeeded in getting a good percentage of true specimens.

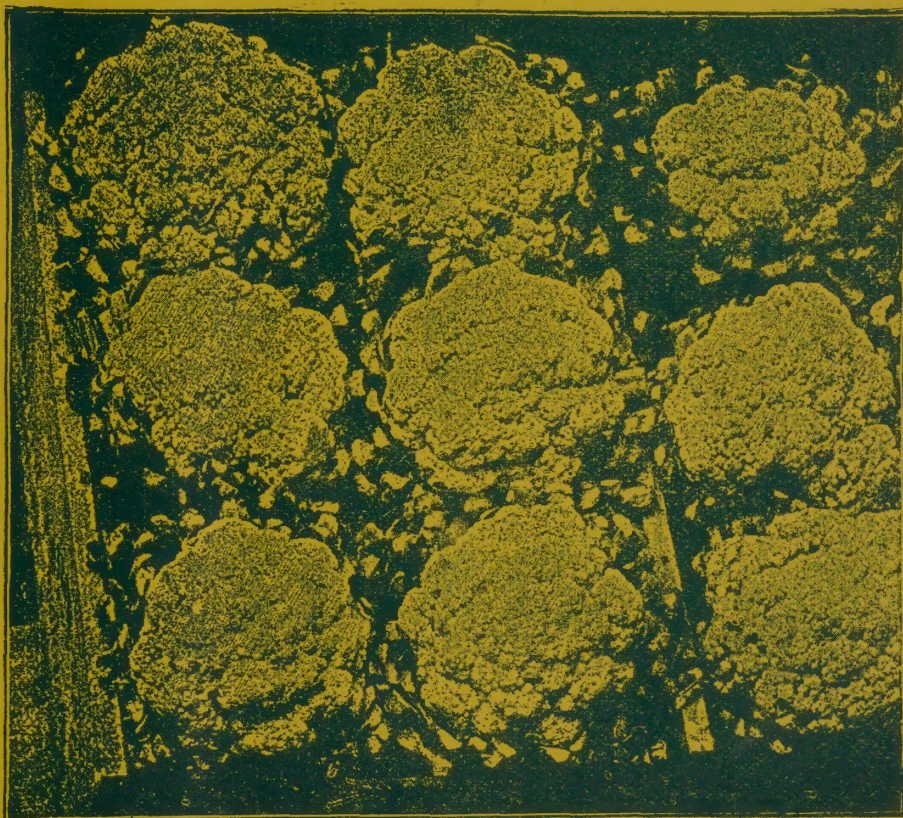
Although it is fit for open ground, it is of greater value for forcing purposes, being quite short leaved and of very quick growth, and the warm moistness of hotbeds renders its peculiar color more prominent.

It has a fine taste and is at the same time a true ornament for the table.

Pkt 10c, 3 for 25c.



Triumph Radish



Simmers' Extra Selected Early Dwarf Erfurt Cauliflower

Simmers' Extra Selected Early
DWARF ERFURT CAULIFLOWER.

Beyond question the **BEST** for either Early or Late, Family or Market Garden, Forcing or Cold Frames. **IT HEADS WHERE OTHERS FAIL.**

Those who have never succeeded before should grow
Simmers' Extra Selected Early Dwarf Erfurt Cauliflower.

The earliest and best of all for forcing or in the open ground. It is dwarf, with short outer leaves, and can be planted two feet apart each way; always sure to make large heads of the best quality with a beautiful snow-white appearance earlier than any other, and is the market gardener's favorite. This variety must be kept growing constantly, as it will not stand a check at any period of its growth.

Pkt 25c, 1-2 oz \$1.50, oz \$3.00, 2 oz \$5.50.

GARDEN SEED COLLECTIONS

— FOR THE —

CITY GARDEN, SUBURBAN GARDEN and COUNTRY GENTLEMAN'S HOME.

A Complete Garden at a Saving of 35 per cent.

—AND BESIDES—

You cannot make any mistake in the selection of varieties by ordering one of these Collections, for the varieties are selected by us with a view to giving

These Collections
— CONTAIN ONLY —
True and Tried Kinds

A CONTINUOUS SUPPLY THROUGHOUT THE SEASON OF FRESH VEGETABLES.

By putting these up complete, all ready for mailing, early in the season, before our spring trade begins, we can do so at the lowest possible expense. There then remains nothing to do but to write the address of the customer, stamp and mail the package. This is a great saving of time to us and we give our customers the benefit of it in the **BARGAINS**.

They are Free by Mail on Receipt of Price. Not Subject to any Discount or Premiums.

Considering the extremely low rates, WE CANNOT POSSIBLY PERMIT ANY CHANGES in the varieties.

No. 1
\$
COLLECTION
33 PKTS.

Bean, Simmers' Giant Wax.
Bean, Improved Valentine.
Beet, Edmand's Blood Turnip
Cabbage, Early Jersey Wakefield.
Cabbage, Vandergaw.
Carrot, Scarlet Intermediate
Celery, Golden Self-blanching
Celery, White Plume.
Corn, Sweet, Cory.
Corn, Sweet, Ne Plus Ultra.
Citron.
Cucumber, Chicago Pickle.

Onion, Large Yellow Strasburg.
Onion, Prizetaker.
Parsley, Champion Moss Curled.
Parsnip, Improved Hollow Crowned.
Pepper, Sweet Spanish.
Peas, American Wonder.
Peas, Stratagem.
Pumpkin, Mammoth.
Radish, Olive-shaped Scarlet.
Radish, Olive Scarlet.
Salsify, Mammoth Sandwich Island.
Squash, Summer, Crook Neck.
Squash, Hubbard.
Turnip, Purple Top, Strap-leaved.
Tomato, Early Ruby.

And Pkt. Wild Garden Flower Seed Mixture.
Also a copy of Simmers' Vegetable and Flower Garden.

Cucumber, White Spine.
Lettuce, Simmers' Nonpareil.
Lettuce, Simpson's Early.
Muskmelon, Green Nutmeg.
Muskmelon, Simmers' Dominion Musk.
Watermelon, Cuban Queen.

Contains 33 packets of the best Vegetable Seeds, sufficient to furnish vegetables throughout the year, and 1 packet of Flower Seeds, which we will send prepaid to any address in the Dominion of Canada for the extremely low price of \$1.00.

50c. Garden Collection No. 2
16 Packets for 50 Cents.
Beans, Simmers' Giant Wax.
Beet, Edmand's Blood Turnip.
Carrot, Scarlet Intermediate.

Corn, Sweet, Cory.
Cucumber, White Spine.
Cabbage, Vandergaw.
Celery, White Plume.
Lettuce, Simmers' Nonpareil.
Muskmelon, Green Nutmeg.
Watermelon, The Boss.
Onion, Large Yellow Strasburg.
Parsnip, Improved Hollow Crowned.
Parsley, Champion Moss Curled.
Peas, American Wonder.
Radish, Olive Scarlet.
Tomato, Early Ruby.

And Pkt. Wild Garden Flower Seed Mixture.

25c. GARDEN COLLECTION No. 3
8 Packets for 25 Cents.

Beet, Edmand's Blood Turnip.
Carrot, Scarlet Intermediate.
Cucumber, White Spine
Lettuce, Simmers' Nonpareil.

Muskmelon, Green Nutmeg.
Watermelon, The Boss.
Onion, Large Yellow Strasburg.
Radish, Scarlet Olive-shaped.

75c. FARMERS' Vegetable Collection No. 4
Price 75 Cents.

Contains 1 ounce Beet, 1 pound Beans, 1 ounce Carrot, 1 pound Sweet Corn, 1 packet Cucumber, 1 packet Lettuce, 1 packet Watermelon, 1 packet Citron, 1 ounce Onion, 1 packet Parsnip, 1 packet Radish.

GARDEN COLLECTION NO. 5 Suitable for Manitoba and North-West Territories

16 PACKETS FOR 50 CENTS POSTPAID

Beans, Simmers' Giant Wax.
Beet, Half Long Blood.
Carrot, Early English Horn.
Cauliflower, Demidur.
Celery, Simmers' Large Ribbed Dwarf White.

Cabbage, Premium Flat Dutch.
Cabbage, Savory Large German Drumhead.
Endive, French Moss Curled.
Lettuce, Hanson.

Onion, Large Yellow Strasburg.
Parsnips, Guernsey.
Parsley, Triple Curled.
Peas, American Wonder.
Peas, Stratagem.

Radish, Scarlet Olive.
Salsify, Long White.

And 1 Pkt Wild Garden Flower Seed Mixture.

THE "CITY AND SUBURBAN GARDEN" COLLECTION

Price \$1.00, Free by Mail. Contains 20 Distinct Varieties of Vegetables, viz:

Beet, Blood Turnip, 1 pkt.
Beans, (none of which require staking), Dwarf snap, green pod, $\frac{1}{2}$ pt.; Dwarf, Snap, yellow wax pod, $\frac{1}{2}$ pt.; Bush Limas, 1 pkt.
Cabbage, Early Jersey Wakefield, 1 pkt.
Carrot, Scarlet Horn, 1 pkt.
Corn, Early Sugar, $\frac{1}{2}$ pt.
Cucumber, Long Green, 1 pkt.

Lettuce, Cos.
Lettuce, Nonpareil, 1 pkt.
Onion, Green Strasburg, 1 pkt; Mammoth Silver King, 1 pkt.
Peas, (none of which require staking), American Wonder, $\frac{1}{2}$ pt.; Dwarf Telephone, for succession, $\frac{1}{2}$ pt.; Stratagem, $\frac{1}{2}$ pt.

Parsley, triple curled, 1 pkt.
Radish, Scarlet Olive, 1 pkt.
Squash, Vegetable Marrow Bush, 1 pkt.
Tomato, Imperial, 1 pkt.
Turnip, Snowball, 1 pkt.

MAIL ORDERS FILLED PROMPTLY.

1899

...To Our...

Friends and Patrons.

1899

Greeting

This being the **Forty-Fourth Year** since establishing our immense Seed, Bulb and Plant. Business in Toronto, in greeting our numerous old friends and patrons, and tendering them **Our Annual Cultivators' Guide and Catalogue of Seeds, Bulbs and Plants,** Etc., for 1899, we take this opportunity of returning our sincere thanks for their recognition of our efforts to supply them with everything good and reliable in our line, and we trust that they will continue to extent to us that liberal share of their patronage which we may fairly claim, and to deserve which we have at all times done our utmost by honest and square dealings.

Our Catalogue

We here wish to say, that, doing our utmost to make mention in this Catalogue of our large and varied stock, many articles are unavoidably omitted. We shall cheerfully procure and furnish prices of anything (of whatever nature) obtainable in the interests of our numerous customers. Please write for anything in the seed line you may wish to procure and which you do not see mentioned in this Catalogue.

In compiling our Catalogue we give descriptions free from all appearance of exaggeration, and make our engravings as true to type and nature as possible, considering well the fact that a Seedman's Catalogue should be rational in its tone, educational in its matter, and as clearly descriptive of the things offered as a limited space will allow. It is our desire to make our Catalogue serviceable as a book of reference, and as clear as possible, so that it will not be simply looked at and thrown aside.

Our Seed Stocks

Our Seed Stocks have been kept up to our high standard of excellence; our plants are well grown and thrifty; our tools and implements are from the best manufacturers in their respective lines, and our fertilizers are of the highest grades procurable.

Our Prices

It is our constant aim to make Highest Quality a first consideration, and then to make our prices as low as good, honest seeds can be sold. Our prices for seeds of the highest standard of excellence, therefore, will in all cases be found as low as those of any other reliable house. "Our success achieved can only be maintained by the methods that obtained it."

Orders

We endeavor to be as liberal as possible in filling orders, and strive to send our customers goods that will be satisfactory in every way. The greatest care will, as heretofore, be bestowed in putting up all orders, large or small; also that amateurs not acquainted with the varieties offered, will, by leaving the selection to us, be liberally and judiciously supplied. Our aim will always continue to be to give every satisfaction to the purchaser, **both in quality of the articles supplied, and in the manner of packing and forwarding.**

About Warranting Seeds

It is impossible for us to guarantee the crop in any way, as there are so many causes that operate against the growth and productiveness of the seeds, over which we can have no control. We spare no trouble or expense in this matter, *but all seeds bought from us must be on the condition that we give no warranty, expressed or implied, as to description, quality, growth, productiveness, or any other matter, of any Seeds, Plants or Bulbs we sell; nor will we hold ourselves in any way responsible for the crop; every order received will be filled by us, on these conditions only.*

Reliable Table Showing the Quantity of Seed Usually Sown Upon an Acre.

Lbs. per Bushel.	Lbs. per Bushel.
Barley, Broadcast..... 48 2 to 3 bus.	Melon, Musk, in hills... 2 to 3 lbs.
Beans, Dwarf, in drills 60 1½ bushel.	Melon, Water, in hills... 4 to 5 lbs.
Beans, Pole, in hills... 60 10 to 12 qts.	Millet..... 48 1 bush.
Beets, Table, in drills... 6 lbs.	Oats, broadcast..... 34 2 to 3 bush.
Beets, Mangel-Wurzel... 5 lbs.	Onion, in drills..... 6 to 8 lbs.
Buckwheat..... 48 1 bushel.	Onion, for Sets, in drills. 50 lbs.
Cabbage, in beds to transplant..... ½ lb.	Onion Sets, in drills.... 6 to 12 lbs.
Carrot, in drills..... 3 to 4 lbs.	Parsnip, in drills.... 4 to 6 lbs.
Clover, Red..... 60 20 lbs.	Peas, Round, in drills. 60 1½ bush.
Clover, White..... 60 12 to 15 lbs.	Peas, wrinkled, in drills. 60 1½ bush.
Clover, Alsike..... 60 10 lbs.	Peas, broadcast..... 3 bush.
Clover, Lucerne or Alfalfa..... 60 20 lbs.	Potatoes, cut tubers... 60 8 bush.
Corn, in hills..... 3 to 10 qts.	Pumpkins, in hills..... 3 lbs.
Corn, for Fodder..... 56 3 bush.	Radish, in drills..... 8 to 10 lbs.
Cucumber, in hills..... 2 lbs.	Rye, broadcast..... 56 1½ to 2 bush.
Flax, broadcast..... 56 1½ bush.	Spinach, in drills..... 15 lbs.
Grass, Kentucky Blue. 11 3 bush.	Squash, bush varieties, in hills..... 4 lbs.
" Orchard..... 14 3 bush.	Squash, running varieties, in hills..... 3 lbs.
" English Rye..... 24 3 bush.	Tomato, to transplant... ½ lb.
" Red Top..... 14 3 bush.	Turnip, in drills..... 2 lbs.
" Timothy..... 48 ½ bush.	Turnip, broadcast..... 2 lbs.
" Hungarian..... 48 1 bush.	Vetches, broadcast..... 60 2 to 3 bush.
Lawn Grass..... 15 4 bush.	Wheat, broadcast..... 60 1½ to 2 bush.

Our Publications

We issue the following Catalogue and Price Lists during the year:— January 1st, Illustrated Guide for Amateur Gardeners; Market Gardeners' Catalogue; Florists' Semi-Annual Trade Price List; Dealers' Trade List of Seeds. June 1st, Florists' Semi-Annual Trade Price List of Forcing Bulbs, etc. August 15th, Price List of Winter Wheat. Sept. 1st, Autumn Catalogue of Dutch and other Bulbs, etc.

Please Read Carefully What We Do

Seeds by Mail—We send free, by mail, all seeds priced by the packet, ounce or quarter pound; and all seeds quoted by the pound, except Beans, Field Beets, Field Carrots, Broom Corn, Corn, Mangel, Peas, Rape, Field Turnips and Swedes, Clover, Grasses and Bird Seeds; to these varieties **four cents per pound** must be added for postage.

We Guarantee that every package we send out shall reach its destination in good condition, and that everything shall be received exactly as ordered. If a package is lost we will replace it.

We pack all seeds and plants carefully, and they will carry to any part of the world with safety.

Completion of Orders—As the season advances our stock of some varieties become exhausted. In such cases we substitute with an article of the same variety, of equal quality, or return the money. Potatoes, bulbs, plants, etc., will be sent only when all danger of frost is past.

Orders—We fill orders within forty-eight hours after being received, if possible.

Errors—Should any errors occur we desire to be informed of the fact and promise to make such corrections as will be perfectly satisfactory.

What Customers Should Do

Forward Money with your order, by post office order, postal note, express order, bank draft, or registered letter. All money sent by any one of the above ways will be at our risk.

Be Sure and write your name and address plainly, as we very often get letters without names, and others without the post office address or county. Keep a copy of your order by marking in your Catalogue, opposite the variety, the quantity ordered of each; by so doing you will know when your goods arrive if all is correct.

Send Your Orders Early—By so doing you are sure of getting all you order promptly, for as the season advances some varieties run short.

Ladies should always prefix their names with (Miss or Mrs.) as the case may be.

Correspondents should always sign their names alike each time. Ladies very often sign their husband's names in sending an order, and then again their own names, perhaps making enquiry about it, or *vice versa*. This gives us a great deal of trouble looking through long files.

Should you receive an extra copy of our Catalogue, or have no use for this one, kindly hand it to someone who would likely be wanting seeds, etc.

Always give shipping instructions when ordering large quantities of seeds, etc. Say whether by freight or express. Should instructions not be given, we shall use our best judgment as may seem to us advisable.

Should You Make any change in your permanent address, please notify us, so that we may be able to forward our Catalogue to you every year.

Important—Should you not receive your seeds, etc., in a reasonable time after sending your order, advise us of the fact, enclosing duplicate order, and state the date order was mailed, the amount of money enclosed and in what form. On receipt of this we will at once duplicate order, and investigate the matter; but if duplicate is not sent we cannot comply.

Goods ordered shipped to any flag station must have freight prepaid. Please allow for same in remittance.

Seeds ordered by the peck or bushel will be sent either by express or freight at purchaser's expense.

Address all orders and other communications to

ANTON SIMMERS
HERMANN SIMMERS }

J. A. SIMMERS,

TORONTO.

Offices and Seed Warehouses—

147, 149, 151 King St. East, South Side.

(2 doors West of St. Lawrence Market).

Quantity of Seed Required for a Specified Length of Drill.

Asparagus..... 1 oz.— 60 ft. of drill.	Onion..... 1 oz.—100 ft. of drill.
Beet..... 1 oz.— 50 ft. of drill.	Onion Sets..... 1 qt.— 40 ft. of drill.
Beans, Dwarf... 1 qt.—100 ft. of drill.	Parsley..... 1 oz.—125 ft. of drill.
Beans, Pole..... 1 qt.—150 hills.	Parsnip..... 1 oz.—150 ft. of drill.
Cabbage..... 1 oz.—2000 plants.	Peas..... 1 qt.—100 ft. of drill.
Cauliflower..... 1 oz.—2000 plants.	Pepper..... 1 oz.—1000 plants.
Celery..... 1 oz.—2500 plants.	Pumpkin..... 1 oz.— 40 hills.
Carrot..... 1 oz.—150 ft. of drill.	Radish..... 1 oz.— 75 ft. of drill.
Cucumber..... 1 oz.— 50 hills.	Salsify..... 1 oz.— 70 ft. of drill.
Corn..... 1 qt.—200 hills.	Spinach..... 1 oz.— 75 ft. of drill.
Leek..... 1 qt.—100 ft. of drill.	Squash, Early... 1 oz.— 50 hills.
Lettuce..... 1 oz.—3000 plants.	Squash, Marrow 1 oz.— 20 hills.
Melon, Water... 1 oz.— 30 hills.	Tomato..... 1 oz.—1500 plants.
Melon, Musk... 1 oz.— 50 hills.	Turnip..... 1 oz.—150 ft. of drill.

GENERAL LIST

SIMMERS' Vegetable Seeds

CROP OF 1898.

Please note the facilities for sending Seeds by Mail on Pages 2 and 7. We guarantee the safe arrival of all Seeds, etc., when sent by mail.

Artichoke

German—*Artichoke*. French—*Artichaut*.

CULTURE.—Sow in April in rich soil and transplant to permanent beds the next spring, in hills three feet apart each way, with three plants to a hill. A rich, deep loam is required and plenty of moisture. Cover with litter or earth in winter



Columbian Mammoth Asparagus

Large Green Globe—The best for general culture. Per pkt 5c, oz 30c.

Jerusalem Artichokes—A hardy and productive plant, used for cooking, pickling for table use, and feeding stock; strong tubers. Per lb. 15c, 3 lbs. post-paid 35c, peck 50c, bushel \$1.50.

Chinese Artichokes—10c doz., 50c per 100.

Asparagus

Ger., *Spargel*. Fr., *Asperge*. (1 oz. for 60 ft. of drill.)

CULTURE.—After soaking the seed for 24 hours in lukewarm water, sow as early in Spring as the season will permit and the ground can be worked, in drills one foot apart, covering the seed one inch deep. Thin plants to three inches apart in the row. The following Spring (not too early) transplant into permanent highly manured beds four feet wide and three rows in each. Plant one foot apart. Cover in the fall with well decayed manure, and in the spring give a good dressing of salt.

Columbian Mammoth White—A newer and distinct variety that produces shoots which are white and which remain white as long as fit for use. Pkt 5c, oz. 10c, 2 oz. 15c, 1 lb. 20c, lb. 60c.

PLANTS—\$1.25 per 100, 50 for 75c, 25 for 40c; Carriage extra. \$1.75 per 100, 50 for 90c, 25 for 50c; Postpaid.

Large Giant (Mammoth)—One of the best varieties, large and productive. Plants strong two-year-old. \$1.50 per 100, 50 for 75c, 25 for 50c, postpaid. Per 100 \$1.00, 50 for 50c, carriage extra. Seed per pkt 5c, oz. 10c, 2 oz. 15c, 1 lb. 20c, lb. 50c.

Conover's Colossal—A very large, productive and distinct variety. Plants strong two-year-old. \$1.50 per 100, 50 for 75c, 25 for 50c, postpaid. Per 100 \$1.00, 50 for 50c, carriage extra. Seed per pkt 5c, oz. 10c, 1 lb. 15c, lb. 40c.

Palmetto—It is of very large size, even and regular in growth and appearance. It is a very early sort and immensely productive and of the very best quality. Plants strong two-year-old. \$1.50 for 100, 50 for 75c, 25 for 50c, postpaid. \$1.00 per 100, 50 for 50c, carriage extra. Seed per pkt 5c, oz. 10c, 1 lb. 15c, lb. 50c.

German—*Bohne*. French—*Haricot*.
BUSH, DWARF, WAX-PODDED VARIETIES

CULTURE.—Plant as soon as danger from frost is past, in light, warm soil, in drills about two feet apart, three inches apart in the drill, or in hills three to four feet apart. Avoid cultivating when wet with rain or dew, as this will injure the crop but hoe often when dry. Plant every two weeks for succession. One quart will plant 200 hills, or a drill of 100 feet.

SIMMERS' EARLY GIANT WAX OR BUTTER—This is really one of the most valuable varieties for either private or market garden purposes. It is earlier than either the Black or Golden Wax sorts, and has a peculiar value in the fact that it is always exempt from rust. The pods are of very large size, often from 6 to 9 inches long; exceedingly succulent and tender when full grown. It is an enormously productive variety. Per pkt 5c, lb. 10c, quart [2 lbs.] 15c, 5 lbs. 45c, peck [15 lbs.] \$1.10.

Wardwell's Kidney Wax—One of the very best Wax Beans, bearing long pods, of a delicate waxy yellow, entirely stringless and brittle, fine buttery flavor, heavy yielder. Per pkt 5c, pt. 10c, qt. 15c, 5 lbs. 40c, peck \$1.00.

Early Crystal White Wax—Transparent pods, stringless, good flavor, seeds white. Per pkt 5c, lb. 10c, qt. [2 lbs.] 15c, 5 lbs. 45c, peck \$1.00.

Detroit Wax—Very hardy and productive, pods straight, flat, but thick to edge; distinctly broader than the Golden Wax. They do not turn to wax color so early, but, when well grown and fit for use they are of a beautiful golden wax color and of the finest texture. Per pkt 5c, lb. 10c, quart [2 lbs.] 15c, 5 lbs. 40c, peck \$1.00.

Giant Yosemite Wax—The pods of this monster bean average 10 to 14 in. in length, are nearly all solid pulp and absolutely stringless, cooking tender and delicious. They are of a rich golden yellow color, plant is a vigorous grower, enormously productive, and if pods are kept closely picked, new ones will constantly be produced. Very desirable variety. Per pkt 5c, pt. 15c, qt. 25c, 5 lbs. 60c, peck \$1.25.

Rust Proof Golden Wax—As we all know, the Golden Wax has long been a popular and desirable variety, its greatest fault being its liability to rust, especially in wet weather. Pods are thicker than Golden Wax, and, if anything of better quality, and above all absolutely rust proof. Per pkt 5c, pt. 10c, qt. 15c, 5 lbs. 40c, peck \$1.25.

Early Golden Wax or Butter—Yellow pods, several days earlier than the ordinary Black Wax, quite distinct, very prolific, brittle and stringless. Per pkt 5c, lb. 10c, qt. [2 lbs.] 15c, 5 lbs. 35c, peck [15 lbs.] \$1.00.

Rogers' Lima Wax—A dwarf variety of the Wax family, bearing broad, medium long pods of a golden yellow; extremely prolific. Pkt 5c, pt. 15c, qt. 25c, 5 lbs. 60c.

Early Black-Seeded Wax, or Butter—Almost stringless yellow pods, thick, very tender and delicious, a standard variety. Beans black when ripe. Per pkt 5c, lb. 10c, qt. [2 lbs.] 15c, 5 lbs. 40c, peck [15 lbs.] 85c.

Early White-Seeded Wax or Butter—A variety with wax-like pods similar to the Black Wax, except in the color of the seed. Per pkt 5c, lb. 10c, qt. [2 lbs.] 15c, 5 lbs. 40c, peck [15 lbs.] \$1.00.

Cylinder Ivory Pod Wax—This is without doubt the most productive and handsome of all Wax Beans yet known. Price per pkt 5c, lb. 15c, qt. 25c, 5 lbs. 60c.

LIBERAL PREMIUMS ON ALL SEEDS IN PACKETS.

To induce our patrons to form clubs to purchase Seeds in quantity we will offer the following Liberal Discount on all Seeds in packets:

Purchasers remitting \$1.00 may select seeds in packets amounting to	\$1.25
" " " " " " " "	2.00
" " " " " " " "	2.60
" " " " " " " "	3.00
" " " " " " " "	4.00
" " " " " " " "	5.25

The above discounts apply to seeds in Packets only, and do not apply to ounces, pounds, etc.



Simmers' Giant Dwarf Wax or Butter Beans.
The Standard Variety for Table Use

Cheapest Seeds are not the Best. Always Buy the Best. For Beans, Corn and Peas by Mail, add Four Cents a Pound for Postage.

BEANS—(Continued)**LIMA BEANS**

Surpee's Bush Lima—A dwarf variety of the Improved Lima which has been fixed in its character of a bush bean; it is very prolific, single plants often producing from 150 to 200 pods. It requires no poles or staking whatever, and should be planted about 2 feet apart in the rows. Per pkt 5c, pint or lb. 15c, quart 25c, 5 lbs. 60c, peck \$1.50.

Henderson's Bush Lima—It grows without the aid of poles, in compact bush form, about 18 inches high, and is very early. Per pkt 5c, lb. 15c, quart [2 lbs.] 25c, 5 lbs. 60c, peck \$1.25.

GREEN PODDED VARIETIES—Bush or Dwarf

Simmers' Canadian Wonder—It is a giant among green podded varieties, forming a large, robust plant, covered with long, thick, flat pods, somewhat similar in shape to the well-known Mohawk, but nearly twice as large, frequently measuring from nine to ten inches in length by three-quarters of an inch wide and one half inch thick. It is much later than the Mohawk and of similar quality. The largest and most handsome green pod bean of strictly bush form which we know of. Per pkt 5c, lb. 15c, quart [2 lbs.] 30c, 5 lbs. 60c, peck [15 lbs.] \$1.25.

Faber's I.X.L.—For description see Novelties. Packet 10c, per lb. 20c, 2 lbs. 35c, 5 lbs. 60c, peck \$1.25.

Mohawk—Very hardy and prolific, also very early; good string bean. Per pkt 5c, lb. 10c, quart [2 lbs.] 15c, 5 lbs. 40c, peck [15 lbs.] 85c.

Yellow, or Six Weeks—Early, hardy and most prolific variety; a good reliable cropper. Per pkt 5c, lb. 10c, quart [2 lbs.] 15c, 5 lbs. 35c, peck [15 lbs.] 85c.

Refugee, or 1,000 to One—Solid Podded, excellent and prolific; much used for canning. Per pkt 5c, lb. 10c, quart [2 lbs.] 15c, 5 lbs. 40c, peck [15 lbs.] 90c.

Valentine, round podded—Early, tender and prolific; good for a string bean or pickling. Per pkt 5c, lb. 10c, quart [2 lbs.] 15c, 5 lbs. 40c, peck [15 lbs.] 90c.

Early China—Red Eye, a well-known and prolific sort, very tender. Per pkt 5c, lb. 10c, quart [2 lbs.] 15c, 5 lbs. 40c, peck [15 lbs.] 85c.

Large White Marrowfat—Extensively grown for sale as a dry bean for winter use; excellent either when green in pods or dry. Per pkt 5c, lb. 10c, quart [2 lbs.] 15c, 5 lbs. 35c, peck [15 lbs.] 70c.

White Kidney, or Royal Dwarf—A superior variety for baking; is also excellent when green in pods. Per pkt 5c, lb. 10c, qt. [2 lbs.] 20c, peck [15 lbs.] \$1.00.

BEANS—(English or Broad)

(N.B.—One pound of Beans is equal to about one pint and will plant about 50 feet of drill.)

CULTURE—The English Broad Beans are very hardy, and should be planted as early in the spring as the ground can be worked, in rows 2 feet apart, about 5 inches apart in the row, and cover 2 inches deep.

Broad Windsor—Large, one of the best, ripens well, very prolific. Pkt 5c, lb. 15c, quart 20c, peck \$1.25.

Early Mazagan—The earliest, very hardy and bears freely, best adapted to our climate. Pkt 5c, lb. 15c, quart 25c, peck \$1.50.



Simmers' Canadian Wonder Bean

POLE BEANS

Pole Beans, being tender, ought not to be planted until the ground is dry and warm. A well manured, sandy loam suits them best. Plant in hills 4 feet apart, 6 to 8 beans to hill; eyes downward, afterwards thin to three plants in a hill. Set poles 8 to 10 feet long before planting seed,

"Golden Champion"—Certain to be the leading Early Wax Pole Bean, fully two weeks earlier than any other variety, being fit to pick on July 24th of last year. Pods are enormous, resembling the Giant Yosemite Wax in size and form; color light yellow, and are absolutely stringless and tender. Pkt 5c, pt. 20c, qt. 40c, 5 lbs. \$1.00, peck \$2.50.

Lazy Wife—Large pale green pods; very thick meated; stringless, rich, tender and buttery; ripens early; clings well to pole, enormously productive, splendid either as a snap or shell bean, retains its exquisite flavor until nearly ripe (*see cut*). Pkt 5c, lb. 15c, qt. 25c, 5 lbs. 60c, peck \$1.50.

Golden Andalusia Wax—The pods are five or six inches long, broad, thick, very fleshy, and entirely stringless, surpasses all other varieties in these respects. Pods when fully grown are from five to six inches long, exceedingly rich, buttery and fine flavored when cooked. Pkt 5c, lb. 25c, 5 lbs. \$1.00, peck \$2.50.

Asparagus or Yard Long (Genuine)—It is a Pole Bean, with dark green foliage and immense pods of a beautiful green color, tender and delicious. Although of such extraordinary length they are produced abundantly. Pkt 10c, 3 pkts 25c, lb. 50c.

Early Dutch Case Knife—Very productive, excellent whether used green or shelled dry. Pkt 5c, lb. 15c, qt. 25c, 5 lbs. 60c, peck \$1.50.

Improved Large Lima—Unsurpassed, and universally grown for private use, very early and tender. Pkt 5c, lb. 15c, qt. 25c, 5 lbs. 60c, peck \$1.50.

Scarlet Runner—A favorite sort, cultivated for the beauty of its flowers, as well as for table uses, grows 9 or 10 feet high; dazzling scarlet flowers. Pkt 5c, lb. 15c, qt. 25c, 5 lbs. 60c, peck \$1.50.

Giant White Runner—A white-seeded variety of Scarlet Runner, but earlier and more prolific, producing immense pods in great abundance. Pkt 5c, lb. 15c, qt. 25c, 5 lbs. 60c, peck \$1.50.

Tasmanian Mammoth—Pods of an extraordinary length, nearly three feet, the thickness of an ordinary lead pencil, quite stringless and tender when half ripe, and of pleasant flavor when cooked, a great curiosity, and very prolific. Pkt 10c, lb. \$1.00.

Blue Podded Giant Marrow—Pods about 10 inches in length, of a purplish-blue color, and most luscious when cooked. Pkt 5c, lb. 30c, qt. 50c, 5 lbs. \$1.00, peck \$2.50.

BROCCOLI

CULTURE, Same as Cauliflower.

German—*Spargel-Kohl*.

French—*Chou Brocoli*.

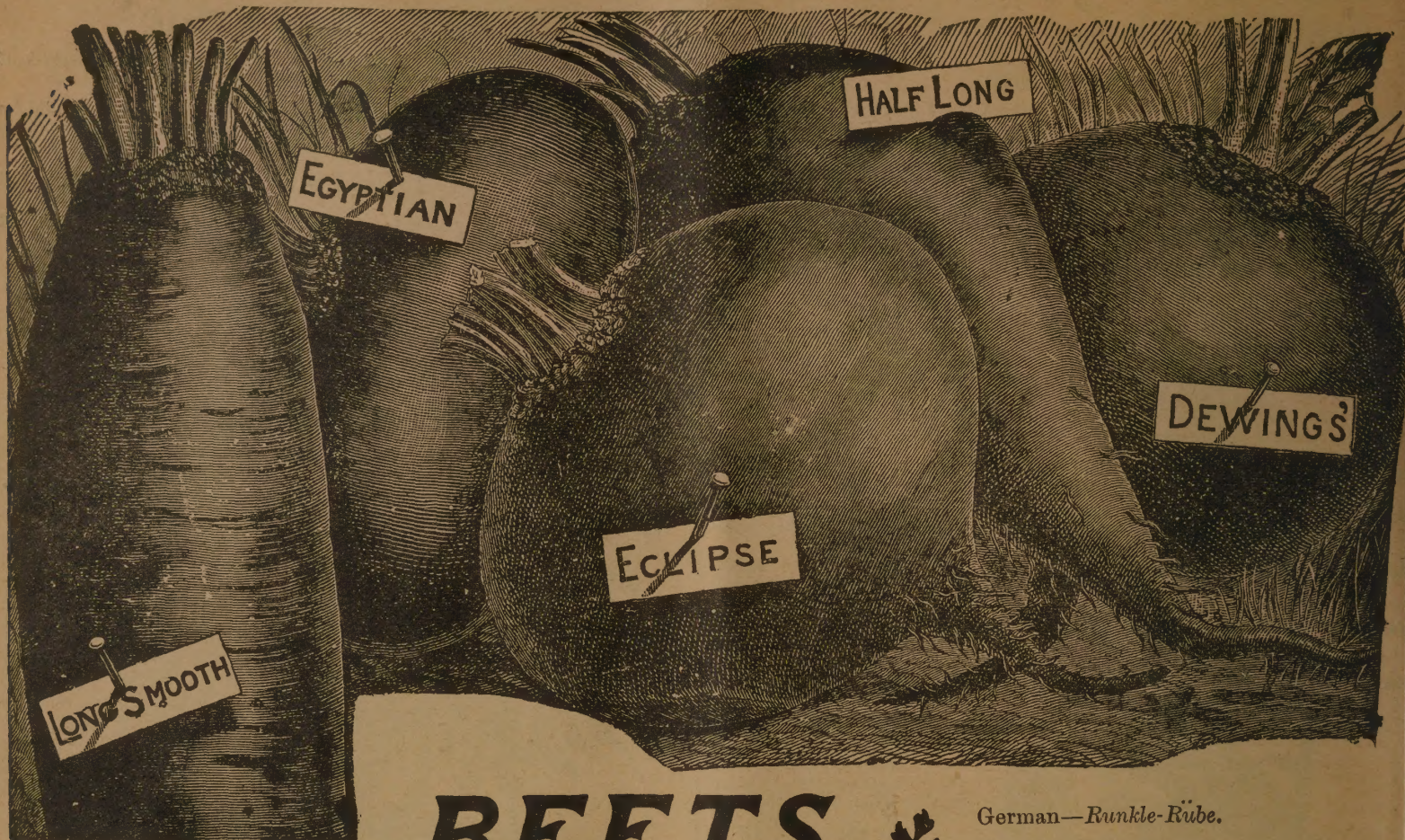
Early Purple Cape—Heads medium size, close and compact, sure to head. Pkt 5c, oz. 20c, 2 oz. 40c, 1 lb. 75c.

Walcheren—It bears large compact heads of a creamy white color and of good flavor, can be grown where Cauliflower makes an uncertain crop. Pkt 5c, oz. 50c, 2 oz. 85c, 1 lb. \$1.25.

When ordering Beans, Peas or Corn to be sent by Mail, please allow 4 Cents per Pound for Postage.



Lazy Wife Pole Bean



BEETS

German—*Runkle-Rübe*.
French—*Betterave*.

One ounce will sow 100 feet of drill.

CULTURE.—The soil best suited to the Beet is a deep, light and rich sandy loam. For early Beets the seed should be sown about the middle of April or as soon as the ground is in good working condition, in drills 12 to 14 inches apart, and thinned to 10 inches apart in the drills. For winter crops 1st June is the right time. Cover 1 inch deep.

SIMMERS' EXTRA EARLY—Combines more good qualities than any other variety. Rich red flesh. Exceedingly tender. Remarkably Early. In this early Beet we have secured more good qualities than were ever combined in any one variety before. In shape it is almost round. The color is dark crimson, the prevailing shade being very dark, changing alternately into rings of a lighter hue. The constancy of color in every bulb largely enhances its value. It is extremely early. But it is when prepared for the table that its fine qualities become most apparent, the fine, rich color making it conspicuous. The flesh, of delicate texture, is rich, sugary and entirely free from fibre.

Price, pkt 10c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

EARLY ECLIPSE—Remarkable for its rapid growth, extreme smallness of top and extra fine quality. Perfectly smooth and round, skin and flesh intense red, very fine grained and sweet, an excellent sort—see illustration. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

EARLY DARK RED FLAT EGYPTIAN—One of the earliest dark red Beets in cultivation; its color is a fine dark red, and its shape is that of an early flat white turnip; it never fails to give satisfaction—see illustration. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Dewing's Improved Blood Turnip—Roots deep blood, and of fine form and flavor. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 60c.

Early Bassano Flat Red—Very clear, tender and sweet, rose color, grows to a good size. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Early Blood Turnip—Good for summer or winter, flesh dark red color, a standard round variety with small top, very tender. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Edmand's Early—The roots are handsome and round, very smooth, with a single tap root; of good marketable size, and for table use no variety can excel it in fine quality. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Half Long Deep Dark Blood Red—The best for family use, tender, sweet, not requiring to be cut in two for boiling. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Improved Arlington—It is of medium size and a dark, rich blood-red color. Its quality, uniform shape and beautiful color leave nothing to be desired in this table beet. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Columbia Beet—This distinct Beet is early, of finest quality and great uniformity, both in roots and neat, handsome foliage, being of turnip shape with smooth, clear skin and deep blood-red flesh. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Whyte's Very Deep Long Blood Red—Very choice and long, best for market. Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb 80c.

Extra Long Smooth Deep Blood Red—The most popular kind for general use, keeps well. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Dell's Black or Crimson Leaved Beet—Both useful and ornamental, as it is extensively used for ribboning in flower borders, on account of its extremely striking foliage, being a deep dark metallic lustre. Per pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.00.

Silver Beet or Swiss Chard—Sometimes called Sea Kale Beet; a variety with beautiful and tender leaves, used for "Spinach," the mid rib is used and served as Asparagus. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 75c.

Borecole or Kale

German—*Blätter Kohl*.
French—*Chou vert*.

CULTURE.—Borecole or Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow from the middle of April to the beginning of May, in prepared beds, covering the seed thinly and evenly, transplant in June and treat in the same manner as for Cabbage. The varieties are all extremely hardy, and are best when touched by frost.

Dwarf Green Curled Scotch—Very hardy, one of the best. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

Dwarf Curled German Greens, or Sprouts—Early and very tender. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

Tall Green Curled Scotch—This is very hardy and improved by a moderate frost. About thirty inches tall, with an abundance of dark green leaves, which are densely curled and cut, forming a very beautiful plant. It stands the winters in the Middle States without any protection. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

Plumage—Very curly, producing variegated leaves, suitable for ornamental and bedding purposes, also excellent for table. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

Brussels Sprouts

German—*Kopfkohl Gruener*.
French—*Chou de Bruxelles*.

CULTURE.—The seeds should be sown in March or April in the hotbed or in the open ground when the weather permits. When the plants are three inches high they should be transplanted and cultivated the same as cabbages or cauliflower.

Large Tall French [Dalmeny]—A very fine variety; the sprouts are large and solid and of delicious flavor. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Improved Dwarf—A standard variety of excellent quality, producing compact sprouts of fine quality; it seldom fails to produce sprouts, and is a good keeper. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Try the latest and best—The New Model Seed Drill—Price, \$7.50. Crated and carefully packed for shipment, weight about 40 pounds.

Mistakes are said to happen in best regulated families. When you find one on us, do not complain to the neighbors, but write us plainly in black ink just what is wrong, assuming what is the fact, that we will rectify it.

CABBAGE

German—Kopf Kohl.

French—Chou Cabus.

FOR CABBAGE PLANTS SEE END OF VEGETABLE LIST

(One ounce will produce about 3,000 plants).

CULTURE.—For very early use sow in January or February in hotbeds; prick out when the plants are strong enough into other hotbeds; or sow in cold frames in March; transplant, when danger from killing by frost is past, to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. To secure plants for wintering in cold frames sow the seed in well prepared, rich ground from the 10th to 25th September. To preserve the plants from insects sprinkle them with *Slug-Shot*.

EARLY VARIETIES

BURPEE'S ALL-HEAD EARLY—This is the earliest of all large cabbages being at least a week earlier than any of the various strains of Early Summer Cabbage, and is fully one-third larger and therefore much more profitable to the market gardener. It is unquestionably the nearest approach to a thoroughbred cabbage of any variety yet introduced, both as regards size and uniformity of development. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

Extra Early "Express"—From 8 to 10 days earlier than the Early Etampes, which it resembles in shape, though smaller, heads pointed. It has few outside leaves and can be planted close. For a very quick forcing sort, try it. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

Henderson's Early Summer—A standard early variety, much used by market gardeners, heads large, solid, and nearly globe-shaped, rarely or never burst when fully matured. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

EXTRA EARLY ETAMPES—A very early sort, producing medium-sized heads very sharply pointed. It grows quickly, is mild flavored, and for private gardens a desirable sort. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

SELECTED EARLY JERSEY WAKEFIELD—One of the best early varieties for private use, very solid, medium size, nearly round, of excellent flavor. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Early Winningstadt—Pointed head, for summer and winter use, very sound, quality first rate, sure to head on all soils, desirable for private gardens. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.25.

SECOND EARLY VARIETIES

SIMMERS' EARLY GERMAN BRUNSWICK—A second early variety, short-stemmed, solid, large light green flat heads, similar but rather superior to St. Denis, most commendable to market gardeners and others, large as Henderson's and nearly as early, stem remarkably small and short, every plant sure to head. In our prize competition one of our customers sent us three heads weighing 104 pounds. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Henderson's Succession—Handsome, large, and a sure header. The Succession is about one week later than the Early Summer, but is double its size, and is so finely bred that in a field of ten acres every head was a magnificent, perfect specimen, fit for exhibition purposes. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Early French Oxheart—A leading variety among the market gardeners, heads very early, tender and of fine flavor; our seed is selected from extra fine stock. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

All Seasons—This is a superior variety to plant for late as well as for early crop, the thickness of the head making it a capital variety to keep through the winter; heads large and solid, not liable to burst after heading. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.



Improved Large American Drumhead Savoy

Early Schweinfurt Quintal—A remarkable and valuable variety for earliness, and commendable both for summer and winter use, very large heads. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

SAVOY CABBAGE

Simmers' Perfection Drumhead Savoy Cabbage—Heads large and very finely curled, short stock and compact grower, an excellent keeper. Partakes of the size of the Drumhead, with the curled leaves and fine flavor of the Savoy. Far superior to the ordinary imported Drumhead Savoy. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Improved Large American Drumhead—The largest heading sort, of excellent flavor, short stock, compact grower and excellent keeper. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

Large German Drumhead—A large headed Savoy cabbage, tender and fine flavored. A good winter variety. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

Largest French Drumhead—Heads very large, less curly than the preceding, but solid and heavy, and a good keeping variety. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

Dwarf Ulm—Choice, head firm but small, very crisp, curly and fine flavored. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

FOTTLER'S IMPROVED BRUNSWICK DRUMHEAD

(American), per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

VANDERGAW—This for a mid-summer and a late cabbage, is without a rival. It is a medium late cabbage. Large green heads, hard and of remarkable excellence; tender crisp and delicious and the most reliable header in existence. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

Early Premium Flat Dutch

—One of the very best varieties to keep, large heads. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.25.



Simmers' Early German Brunswick Cabbage

(Best for general crop.)

LATE VARIETIES

The Lupton—For description see Novelties. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

SIMMERS' MATCHLESS FLAT DUTCH CABBAGE—The Matchless Flat Dutch is entirely distinct from the well-known Premium Flat Dutch Cabbage, and differs from all other strains of Late Flat Dutch in that it is quicker growing (earlier to mature), hence can be started later. It is extremely handsome in appearance, also shows its character, is low growing, the stumps being very short. The well-developed heads are true to type and uniform in color, which is an attractive bluish green. The heads measure about 13 inches across and weigh from 10 to 12 pounds each. The Matchless Flat Dutch comes very true, and is a sure header. A very superior cabbage for autumn and winter use. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Filderkraut—This variety somewhat resembles the Winningstadt, but is larger in every way, more pointed, and heads up with fewer outside leaves. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Surehead—One of the surest headers and best main crop cabbages. The heads are round, flat on top, hard, and with few outside or loose leaves. Market gardeners will find it a most valuable sort. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

AUTUMN KING—The Autumn King is the best keeper we have ever seen; it produces enormous solid heads of dark green, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts, and can be relied on to produce a greater weight of crop than any other variety. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

Late Marblehead Mammoth—The largest known sort, solid, tender and free heading winter variety, and with good culture averages 30 lbs. per head (American grown seed). Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

Late French St. Denis—Flat heads, very solid and heavy, one of the most profitable sorts for winter, keeps well all winter. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

Late Large French Quintal—One of the largest and most solid kinds known, flat heads, keeping well in winter. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Late Large Drumhead—Heads large and solid, good for general crop, and of fine quality. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Late Flat Dutch—Short stem and large, solid flat heads. Our stock has been carefully selected for several years in order to get a cabbage of this type, and we are confident no better strain is in the market. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.25.

RED CABBAGE

Extra Early Red Dutch Erfurt—Extra fine, heads quickly, and of a very dark, blood-red color, valuable for pickling; when early pickles are desired, this sort should be sown. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Large Late Deep Red Dutch Drumhead—For pickling, solid and of deep blood-red color, heads very hard and solid. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Mammoth Red Rock—The Mammoth Red Rock is a large growing and selected strain of late red cabbage, the heads will average 12 pounds each. Per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.



Mammoth Red Rock Cabbage

CARROTS

German—*Möhre*.French—*Carrotte*.

One ounce of seed will sow 100 feet of drill. Four pounds required for one acre.

CULTURE.—The Carrot, like other root crops, delights in a sandy loam, richly tilled. For early crops sow in spring as soon as the ground is in good working order; for later crops they may be sown any time until the middle of June. Sow in rows about 16 inches apart, thinning out to three or four inches between the plants. In field culture, when grown for horses or cattle, the rows should be two feet apart, so that the crop can be worked by the Horse Cultivator. As Carrot Seed is slow to germinate, all precautions must be taken to have the ground in good growing order.

Improved Scarlet Intermediate—(Stump rooted). This is certainly the best main crop carrot. Our cut is no flattering representation, but shows it as we have seen it in enormous quantities, and we strongly advise our customers to plant it. It is one of the most uniform in shape that we know, and where the soil is favorable it will always grow clean and free from side roots. The core is small and very tender, and there is no indication of woody character at any stage of its growth. It is also entirely free from any coarse, rank flavor so common with many sorts. For private purposes it is ideal, and its yielding capacity is enormous, which, with its handsome color and fine appearance, makes it invaluable to market gardeners. (See cut.) Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1 lb 70c.

Ox-Heart or Half Long Guerande—(Stump rooted). Intermediate between the half long and horn varieties, attaining a diameter of three to four inches at the neck, and of most beautiful shape and rich orange color. It is of extra

fine quality, and very productive. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1 lb 70c.

Chantenay, Half Long Scarlet—This is the best early Carrot in existence, one which market gardeners should plant for their main early crop. The carrots grow about six inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary, and not apt to crack open while growing. An excellent table sort and a heavy cropper. Our seed is most carefully selected. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1 lb 70c.

Early Scarlet English Horn or Half Long—Very fine and sweet, pointed rooted. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 25c, 1 lb 80c.

Early Very Short Scarlet or Golden Ball—French forcing, the earliest variety, almost as round as turnip radishes and very sweet; ready for use about five weeks after sowing. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 25c, 1 lb 80c.

Improved Danver's Half-Long—The best Carrot for general crop; it is of rich orange color, a very heavy yielding and splendid keeper. It is a first-class Carrot for all kinds of soils, valuable both for table use and for stock. We have an extra fine strain of this favorite sort, which we have sold for many years, giving the greatest satisfaction to our customers. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1 lb 70c.

Large Red Altringham—Large and fine flavored, grown for stock-feeding purposes. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1 lb 80c.

Improved Long Orange—The well-known and popular old stand-by for late summer and winter use, grown extensively for feeding stock. Per pkt 5c, oz 10c, ½ lb 15c, 1 lb 50c.

Simmers' Improved Giant Short White—This field Carrot is especially suitable for shallow soil. In shape they very much resemble the Oxheart, excepting the roots grow more to a point. When other varieties require digging, our Giant Short White can be pulled. Flesh and skin are white, and it is considered by those who have grown it much better in quality than any other variety. Per pkt 5c, oz 10c, ½ lb 15c, 1 lb 40c.

For Field Varieties of Carrots see Agricultural Seeds further on.



Extra Curled Cress



Improved Scarlet Intermediate Carrot

Cress or Pepper Grass

One Ounce will sow about Fifteen Square Feet,

CULTURE.—Sow thickly in shallow drills, very early in spring and every two weeks throughout the season, give occasional waterings. Two ounces will sow ten feet square three times. Use as salad before the flowers appear. Transplant the Water Cress, when well rooted, to the banks of a running stream.

EXTRA CURLED—Standard sort, very fine for salads, may be cut two or three times. Per pkt 5c, oz 10c, ½ lb 15c, 1 lb 40c.

Broad Leaved—A large-leaved variety, fine piquant flavor. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1 lb 45c.

Upland Cress—(*Barbarea Vulgaris*) Grown as Spinach and used exactly as Water Cress. It so much resembles Water Cress in taste that the difference is scarcely discernable, and its use should become more general, as it is of as easy culture as Spinach; indeed, earlier, for it is a perennial plant, and can be grown easily for two years without resowing and it yields enormous crops. Per pkt 10c, oz 40c.

True Water—A well known hardy perennial aquatic plant, grown abundantly along the margin of running streams. Per pkt 10c, oz 40c, 2 oz 75c, ½ lb \$1, 1 lb \$3.50.

Cardoon

The mid-ribs of this vegetable are used while in a tender state, similar to Asparagus, and the young leaves in the form of Spinach. Sow early in May, in rows two and a-half feet apart, and thin the plants out to two feet in the row. When the plants have attained their full size, bind them together with matting or twine, and earth them up like celery to blanch.

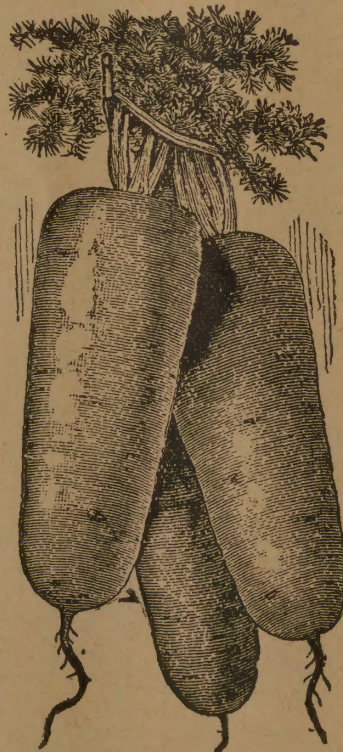
Large Spanish—Pkt 5c, oz 30c, 2 oz 50c, ½ lb \$1, 1 lb \$3.50.

Corn Salad—Lamb's Lettuce (or Feticus).

German—*Acker oder Felt Salat*. French—*Mache*.

CULTURE.—Sow about September or very early in spring, in drills half an inch deep and six inches apart, in rich ground. As the plants are for cutting when young, the seed may be sown pretty thin. Before the cold weather sets in protect with clean straw. It is cut during the winter and early spring for salads, and is most excellent as such.

Broadleaved—Pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1 lb 60c.



Improved Danver's Half-Long Carrot

Chives German—*Schnittlauch*.

CHIVES are perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used wherever the flavor of onion is required. Planted in small clumps in any common garden soil they will grow readily, and in time increase so as to render a division necessary. The tops appear very early in spring, and can be shorn throughout the season, hence this valuable little plant should have a place in every garden.

Seed of the above, per pkt 10c. Roots—Per bunch 25c postpaid.

YOU TAKE NO RISK in ordering **SIMMERS' SEEDS** direct by mail and you have the great advantage of being able to select just what you want from this Complete Catalogue of all the Best Seeds.



Chives



Simmers' "Gilt Edge" Cauliflower—The surest header, the most profitable, the best variety for either market or family gardens.

CAULIFLOWER.

German—*Blumen Kohl*. French—*Choufleur*.

One ounce of seed will produce about 3,000 Plants.

For Plants of Cauliflower, Cabbage, etc., see in Plant List.

SIMMERS' GILT EDGE—We confidently recommend this as the finest Cauliflower in the world; and it is so pronounced by all growers who have had it. It is of very dwarf, erect habit, with short outer leaves. It can be planted less than two feet apart each way. It is a sure header, every plant forming a large, solid, perfect head, of remarkably pure white color, of the finest table quality. All family gardeners should bear in mind that our seed of the "Gilt Edge" is so carefully selected that from it a crop of Cauliflower can be grown as easily as a crop of Cabbage. It is a surer header, either for early or late sowing, and can be left longer in the field without decaying than any other sort. It matures immediately after "Snowball," but is a heavier sort. Pkt 25c, $\frac{1}{2}$ oz \$2.25, oz \$4.00.

Early Snowball—The earliest and most reliable in heading, of dwarf habit, with very short outer leaves, allowing it to be planted close together. Per pkt 20c, $\frac{1}{2}$ oz \$1.25, oz \$2.25, 2 oz \$4.00, $\frac{1}{2}$ lb \$7.50.

Simmers' Extra Selected Early Dwarf Erfurt—One of the earliest heading varieties in cultivation, small leaved for forcing or open ground; of low growth [extra superior quality of German seed]. Per pkt 25c, $\frac{1}{2}$ oz \$1.50, oz \$3.00, 2 oz \$5.50.

THE BEST CAULIFLOWER

FOR ALL GROWERS.



Specimen of the famous Early Dwarf Erfurt Cauliflower
(Simmers' Selected Private Strain.)

CULTURE.—When grown to perfection this is a most delicious vegetable, and well repays generous treatment in cultivation. With a deep, rich soil and an abundance of moisture, which in dry seasons must be applied artificially. Cauliflower can be grown well. Frequent and vigorous hoeing and a liberal supply of rich liquid manure, to keep up a continuous and rapid growth, will produce splendid heads of the most delicate flavor. It facilitates blanching if the leaves are gathered loosely together and tied over the top of the head. For sowing the seed, the same general directions as recommended for Cabbages will answer for this crop.

Early Demi-Dur, or Half Early Paris—Best for general crop, and sure to head, valuable for market gardeners. Per pkt 5c, $\frac{1}{2}$ oz 50c, oz 75c, 2 oz \$1.25, $\frac{1}{2}$ lb \$2.25.

Large Erfurt Market—An early, large and very fine German variety; well suited for this climate. Per pkt 10c, $\frac{1}{2}$ oz \$1.00, oz \$1.50, 2 oz \$2.50, $\frac{1}{2}$ lb \$4.50.

Late Large Le Normand—Short stemmed, produces very close and uniform head, well protected by the foliage, hardy and stands dry weather. Per pkt 5c, $\frac{1}{2}$ oz 50c, oz 75c, 2 oz \$1.25, $\frac{1}{2}$ lb \$2.25.

Large Late Algiers—An excellent favorite, late variety. Per pkt 10c, $\frac{1}{2}$ oz 60c, oz \$1.00, 2 oz \$1.75, $\frac{1}{2}$ lb \$3.00.

Late Italian or Autumn Giant—Attaining enormous dimensions; heads beautifully white, large, firm and compact. Per pkt 5c, $\frac{1}{2}$ oz 85c, oz 60c, 2 oz \$1.00, $\frac{1}{2}$ lb \$2.00.

Curled Chervil German—*Kerbel*. French—*Cerfeuil*.

CULTURE.—A very rich herb, similar in growth and flavor to Parsley, and should not be wanting in any kitchen garden. It is sown and treated like Parsley, the directions for sowing which are given under the head of Parsley Moss Curled. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{2}$ lb 30c, lb \$1.00.

Chicory German—*Caffewurzel*. French—*Chicoree*.

Culture same as Carrots.

Large Rooted Magdeburgh—Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{2}$ lb 20c, lb 40c.



Endive—Moss Curled

ENDIVE German—*Endivien*. French—*Chicoree*.

CULTURE.—For early use sow thinly in May, in drills 1 foot apart, and for a succession, every two or three weeks until mid-summer. A rather moist situation in the garden is preferable. To blanch the leaves gather them carefully together when perfectly dry and tie near the top and draw up the earth around the plants.

Broad Leaved Imperial Batavian (Escarolle)—Is chiefly used in soups. Per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{2}$ lb 50c, lb \$1.50.

Early Green, or French Moss Curled—Very tender, hardy leaves dark green and crisp. Pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{2}$ lb 50c, lb \$1.50.

SIMMERS' CELERYGerman—*Selleri*.
French—*Celeri*.**SPECIAL OFFER—One packet of each of the Four Varieties illustrated above for 20 Cents.***(For Celery Plants See End of Vegetable List).***One ounce will sow a bed of nine square yards and produce about 2,500 plants.**

Sow the last of March or early in April, in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed, the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high transplant, the dwarf varieties 3 feet and the taller sorts 4 feet between the rows; plant 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. This first operation is that of "handling"; after the soil has been drawn up with the hoe, it is drawn closer around each plant by the hand, to keep the leaves firm in an upright position and prevent spreading. When the plants have become "set" in an upright position, and the celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plough and finishing it with a spade, bringing the earth up nearly to the top of the plants. If it is intended to store away for winter use, the "handling" process is all that is necessary, as the blanching will be done in the trenches. To store for winter use, select well-drained ground, dig trenches one foot wide and deep enough to cover the tops of the plants. Pack the stocks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

Rose Ribbed Paris Golden Self-Blanching—For description see novelties. Pkt 10c, oz 50c, $\frac{1}{4}$ lb \$1.50.

SIMMERS' "IMPERIAL"—For description see novelties. Pkt 10c, 3 pkts 25c, oz 75c.

Paris Golden Yellow Dwarf or Self-Blanching Large Solid—The heart is of a beautiful golden yellow color, very large, crisp and solid, keeping well all winter. It is entirely self-blanching without any covering whatever. No variety can surpass, if indeed equal the Paris Golden Yellow in striking appearance and delicious flavor. Per pkt 10c, oz 50c, 2 oz \$1.00, $\frac{1}{4}$ lb \$1.75, lb \$8.00.

Simmers' Special Dwarf White Winter—Solid, crisp, of excellent flavor, one of the best white varieties. The past season has again proved this celery to be the best adapted for the home or market on account of its dwarf habit and walnut flavor and keeping well until spring. Per pkt 10c, oz 50c, 2 oz 90c, $\frac{1}{4}$ lb \$1.50.

Simmers' Large Ribbed Dwarf White—The most perfect type of Dwarf White Celery known. It is perfectly distinct and is of a beautiful cream-white color; attains a very large size; is of quick growth; stiff, close habit, the outer ribs standing straight and perfect; a very solid, crisp-eating and delicious variety, keeping well until spring. Per pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00, lb \$8.00.

White Plume—Leaves somewhat like an ostrich feather, requires no banking up to blanch; highly recommended to all who wish to procure a first-class celery for early use. Per pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$8.

"Pink Plume"—Similar to White Plume, except that the stalks are delicately marked with pink. It also has the rich, nutty flavor of red celeries. Pkt 10c, oz 50c.

Giant Golden-Hearted Dwarf—An excellent Dwarf White variety, with fine nutty flavor, growing to a large size and keeping well all winter. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Sandringham or Prince of Wales Dwarf White—An excellent dwarf-growing, very solid and crisp variety. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

Giant Pascal—It is of a fine nutty flavor, being entirely free from any bitter taste. It grows about 2 feet high; the stocks are very broad, thick and crisp, and entirely stringless; it bleaches with slight "earthing up" very quickly. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

New Rose—The color is a beautiful shade of rose of exceptionally fine flavor, solid, crisp. Per pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$3.00.

Seymour's White Giant—A good very large variety, clear white, solid and crisp. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

White Solid—Good for general crop, fine nutty flavor, entirely free from hollow stems. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Carter's Incomparable Dwarf Crimson—Keeps well, and is of fine nutty flavor. Per pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00, lb \$3.00.

Turnip-Rooted Erfurt Giant, or Celeriac—Best variety grown, very good flavor. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Flavoring Celery—Per oz 5c, $\frac{1}{4}$ lb 15c, lb 40c.



Simmers' Special White Dwarf Winter Celery, the best in cultivation for market gardeners and private gardens.

Buy the latest book on growing celery:
"CELERY FOR PROFIT."
By T. GREINER. Price 30c.

First-class Seeds, of equal quality, cannot be bought anywhere for less money.
We know that SIMMERS' SEEDS are the BEST that grow.

SIMMERS'

SWEET CORN

FOR
TABLE USE

N.B.—When ordered in the ear by mail, we shell it for convenience in packing. Special quotations given to canners and others requiring corn in quantity. SINGLE EARS OF ANY VARIETY 5c. EACH. One pound will plant about 100 hills; one peck, one acre in hills.

EARLY VARIETIES

Simmers' First of All—Earliest of all, ready three days to a week earlier than Cory, in habit of growth it is more dwarf but of superior quality, very sweet and tender, a large number of the ears have 10 to 12 rows, while the Cory generally has 8 rows. Per pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 12 lbs 90c.

Kendel's Early Giant—For description see novelties. Pkt 5c, lb 20c, 2 lb 35c.

Nonsuch Sugar—No lover of delicious Sugar Corn can afford to miss it. Sure to please the most exacting customer. Medium early, wonderfully productive, but above all, of the finest flavor. Per pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 12 lbs 90c.

Early Cory—An excellent sort, very sweet, and of rich flavor; desirable for private or market gardens, as it adds to its good qualities that of being extra early. Per pkt 5c, lb 10c, qt 15c, 5 lbs 40c, 12 lbs 75c.

Early White Cory—A selection of the Cory, of the same character in all respects, except that it has a white cob and kernels. Very early and a good variety. Per pkt 5c, pt 10c, qt 15c, 5 lbs 40c, 12 lbs 75c.

Early Minnesota—One of the best early varieties, dwarf habit and good quality. Per pkt 5c, lb or pt 10c, qt 15c, 5 lbs 40c, 12 lbs 75c.

Early Crosby Sweet—One of the largest early varieties, rich sugary flavor, very productive. Per pkt 5c, lb or pt 10c, qt 15c, 5 lbs 40c, 12 lbs 75c.

Black Mexican Sweet—A black grained variety, sweet and tender. Must be picked young to avoid blackening when cooked. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 12 lbs 90c.

MEDIUM EARLY VARIETIES

IMPROVED NE PLUS ULTRA (Country Gentleman)—The sweetest and most tender of all Sweet Corns, and one of the most productive sorts, the stalks averaging three ears, sometimes as many as five, kernels and cobs are pure white. Pkt 5c, pt or lb 10c, qt 15c, 5 lbs 50c, 12 lbs 90c.

Perry's Hybrid Sugar—Second early, with large ears, white, deliciously sweet and tender. Our stock for 1899 is selected. Per pkt 5c, lb or pt 10c, qt 15c, 5 lbs 40c, 12 lbs 75c.

Triumph—Said to be the earliest of the large varieties, flavor rich and sweet. Per pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 12 lbs 90c.

Honey Sweet—A most productive variety, bearing three to four good large ears on a stock, growing vigorously, and coming in as early as Moore's Concord. No market or private garden is complete without it. Per pkt 5c, pt 10c, qt 15c, 5 lbs 40c, 12 lbs 75c.

Moore's Early Concord Sweet—One of the largest early varieties. Per pkt 5c, lb or pt 10c, qt 15c, 5 lbs 40c, 12 lbs 75c.

LATE VARIETIES

Zig Zag Evergreen—This grand new Sweet Corn is without doubt the most tender and sweetest medium late variety ever introduced. It comes in about eight days ahead of Stowell's Evergreen; the kernels very much resemble this variety, but grow on the cob in zig-zag fashion—hence its name. It is a most excellent variety for the family garden, market gardener or the canner, and we heartily recommend it to all wishing a tender and delicious Sweet Corn. Pkt 5c, lb 15c, 2 lb 25c, 5 lb 50c, 12 lb 90c.

Gold Coin—Very productive, yielding two mammoth ears to the stalk. The cob is snowy white, covered with large yellow grains. Per pkt 5c, lb 15c, qt 25c, 5 lbs 40c, 12 lbs 75c.

STOWELL'S EVERGREEN, Sweet or Sugar—Large ears, ripening late, and most delicious. Per pkt 5c, lb or pt 10c, qt 15c, 5 lbs 40c, 12 lbs 75c.

Egyptian Sweet, or Washington Market—A fine large variety, somewhat resembling the Evergreen, flavor particularly rich and sweet and of superior quality. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

Mammoth Sweet—An excellent variety, producing unusually large and perfect ears. Per pkt 5c, lb or pt 10c, qt 15c, 5 lbs 40c, 12 lbs 75c.

Tuscarora White—This is a late variety with large ears and flour white kernels. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 12 lbs 70c.

POP CORN

Pearl—Smooth-grained ears. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

White Rice—A very early, fine, white variety, kernel pointed. Per pkt 5c, lb 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

French—Chou. COLLARDS German—Blätter-Kohl.

Georgia, Southern or Creole—Sow thick in drills, in rich ground, transplanting when four inches high, or sow in drills where the plants are to remain, and thin to two or three feet apart in the row, when the proper size. Pkt 5c, oz 20c, 2 oz 30c, ½ lb 60c, lb \$2.00.

EGG PLANT

One ounce will produce 1,000 plants.

CULTURE.—Sow in a hotbed for early crops, or very early in the spring in shallow drills in a warm, sheltered, dry situation, in the open ground, and protect by hand glasses. Transplant when warm weather sets in into well-enriched ground 12 in. apart and 20 in. from row to row; the fruit when ripe is sliced, well spiced and fried.

"The Pearl"—As large and fine as ever seen of any variety, with an attractive pure white skin, and the fruits are of finest quality either baked or fried. Pkt 10c, oz 50c.



The New York Improved Large Purple—Very choice, round, of deep color and large fruit. Plant robust. Pkt 10c, oz 50c.

Long Purple—Good for general use, very hardy, early and productive. Pkt 5c, oz 40c.

Long White—Very fine, highly ornamental. Pkt 10c, oz 75c.

Early Purple Dwarf—About 3 to 5 weeks earlier than any other variety. Pkt 10c, oz 50c.

Egg Plant, New York Improved

THE 3 BEST SORTS OF
SWEET CORN
FOR SUCCESSION.

**EARLY WHITE CORY,
PERRY'S HYBRID,
STOWELL'S EVERGREEN.**

**SPECIAL
OFFER**

By Mail Postpaid. At Buyer's Expense.
One packet each of the 3 kinds, 15c.....
One pint " " " 45c.....30c
One quart " " " 75c.....45c

Cucumber

GERMAN—Gurken.

FRENCH—Concombre.

Our Cucumber Seed is Carefully Selected Stock Seed, pure and true to name. One Ounce will plant 60 Hills; Two Pounds will Plant One Acre.

FOR OPEN AIR CULTURE
—For early use sow as early as possible, in hotbeds, one hill with three plants in each sash. For the open ground sow in hills four or five feet apart each way, on very rich ground. Dig out four or five spadefuls of earth on the spot where you intend to plant the seed, and fill in some half rotten manure, which cover up some three or four inches high with some of the earth dug out. Three or four plants should be allowed to each hill. As the seed is apt to rot if the weather after sowing it turns wet and chilly, it is advisable to sprout the seed before sowing it, in a small bowl, mixed with moistened sawdust, and placed under a stove for a few days; it is necessary to keep the sawdust continually moist.

Simmers' Improved Extra Early White Spine

—This Private Strain of Extra Early White Spine is, beyond a doubt, the most thoroughbred, uniform and shapely variety known. We recommend it not only for first early but for general crop. Its excels in earliness, often being ready for slicing when other sorts are only pickles. In purity it is unequalled. The vines are vigorous growers. It is an excellent variety for slicing and makes a choice pickle; straight and smooth; a great bearer, keeps green much longer than the yellow varieties, and no sort excels it in crispness and fine flavor. Selected Seed. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

Simmers' Improved Long Green—The best for general crop, fine long fruit, firm and crisp. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Early White Spine—Very desirable for general crop and largely used by market gardeners. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Early Cluster—A short prickly variety, bearing in clusters and very prolific. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Early Frame—An old and popular variety of medium size, straight and handsome. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Westerfield's Chicago Pickling—A variety which is almost exclusively used by the largest pickling houses in Chicago for their celebrated pickles. It is exceedingly prolific, bearing small, well formed fruit, covered with spines, and of an unusual deep green. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Paris Pickling—The best of all in quality for pickling. The young cucumbers, when of the proper age for pickling, are slim and slender, from 3 to 5 inches in length. Its unique appearance will make it of great value in the manufacture of chowchow and other mixed pickles. When ready for pickling they show absolutely no sign of seeds, and are of an unusually dark green color. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

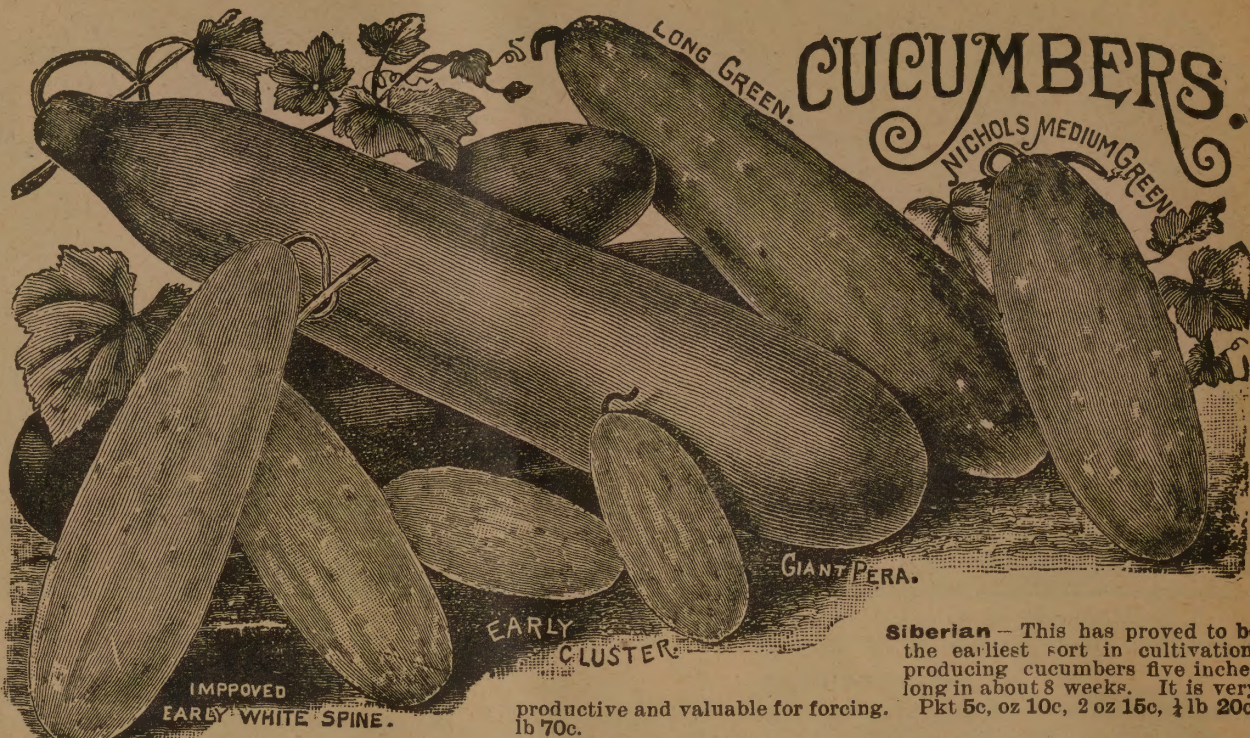
White Wonder—The cucumbers are thickly set throughout the length of the vine and are uniform in color, shape and size; they average about eight inches long by two to two and a-half inches through; the skin is thin, while the pearly white flesh is exquisitely fine in quality, quite brittle and remains solid for a long time. Owing to unusual hardness the White Wonder can be planted earlier than most cucumbers, and is also a sure cropper. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

"Cool and Crisp"—While primarily a pickling variety, it is also most useful for slicing, the cucumbers when fully matured being of good size and exceedingly tender and crisp. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Japanese Climbing—While all cucumbers are running vines, yet this variety is much more creeping or climbing in its habit, so much so that it quickly climbs on poles or trellises. The quality is splendid and well adapted for pickling as well as for slicing. A cucumber which can be trained on a pole or on a fence is an advantage apparent to all. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 50c, lb \$1.75.

Livingston's Evergreen—The Evergreen is very hardy and ever green, withstanding drought and bearing until frost. A very strong grower, but extra early, and the best in flavor, bearing firm, crisp, fruits, either for pickling or slicing. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 75c.

Nichols' Medium Green—As a pickle for early forcing purposes or for slicing, there is no better variety. It is exceedingly productive, of medium size, always straight and smooth. The color is dark green, the flesh tender and crisp. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.



Siberian—This has proved to be the earliest sort in cultivation, producing cucumbers five inches long in about 8 weeks. It is very productive and valuable for forcing. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Boston Pickling, or Green Prolific—One of the best for pickling, uniform size. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Early Russian or Moromian Gherkin—Producing fruit three to four inches long, in great abundance and in a very short time; superior to any other, flavor good. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

The Pride of Canada—For forcing and outdoor culture, fine flavored fruit, of snow-white texture, great length, containing but few seeds. Per pkt 10c, 3 pkts 25c.

Giant Pera—A long, smooth, straight, dark green cucumber, 13 inches long. Flesh white, crisp, tender and free from all bitterness. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

West India Gherkin or Burr—Only for pickling. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.00.

CHOICE ENGLISH SORTS FOR HOTBEDS OR GREENHOUSES

The Model—A very choice variety of recent introduction, producing handsome cucumbers of wonderful size. Per pkt 20c, $\frac{1}{4}$ oz \$2.00.

Blue Gown—A very fine black spined variety, 18 to 24 inches long, smooth. Per pkt 20c, $\frac{1}{4}$ oz \$2.00.

Marquis of Lorne—A highly esteemed variety of handsome form and fine flavor, 24 to 30 inches long. Per pkt 20c, $\frac{1}{4}$ oz \$2.00.

Rollison's Telegraph—Very prolific, early, crisp and of superior quality. Per pkt 25c, $\frac{1}{4}$ oz \$2.00.

Mixture—Of the foregoing English sorts highly recommended for forcing or outdoors. Pkt 10c, $\frac{1}{4}$ oz \$1.75.

Garlic

German—Knoblauch.

French—Ail.

Used for flavoring soups, stews, and other dishes. Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring, in rows 1 foot apart, and from 1 to 5 inches in the rows.

Garlic Sets—Per oz 5c, per lb 20c. (Special rates for 5 lb lots).

Gourds

Japanese Nest Egg—These exactly resemble in color, shape and size, the eggs of hens, making a capital nest egg, which are superior to glass eggs, as they do not crack or break, and are uninjured by cold or wet. As the plant is a very rapid growing climber, it is very useful for covering screens, etc. Per pkt 5c, oz 75c.

Dipper—Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles 6 to 12 inches long. They are convenient for dipping hot liquids, etc. Per pkt 5c, oz 25c.

Luffa, or Dish Rag Gourd—A native of the East Indies, and in its nature has furnished us with a vegetable dish-cloth, the seeds being enveloped in a sponge-like cloth, which is tough, elastic and durable. Per pkt 5c, oz 25c.

Sugar Trough—Very useful for baskets, dishes, buckets, etc., etc. They have hard, thick shells, lasting for years, and capable of holding from 2 to 10 gallons each. Pkt 5c, oz 25c.

Mixture of the Above—A collection of the most ornamental, including all of the above. Per pkt 10c, 3 pkts 25c, 7 pkts 50c.

Horse Radish

Sets—(Good strong ones) ready for sale at any time. 10c each, 4 for 25c '75c dozen.

LETTUCE

German—*Lattich Salat*. French—*Laitue*.

One ounce will sow 100 feet of drill.

CULTURE—Lettuce requires a good soil in order to obtain the crispness, juiciness and delicate flavor for which they are so much esteemed. Several sowings are requisite during the season. The first may be obtained in a hotbed in February. A sowing may be made in the open ground as soon as it can be worked; after this every two weeks until July, if a constant succession is required. Sow thinly, in drills or broadcast, quarter of an inch deep and transplant a foot apart in the richest soil. Hoe frequently, and in dry weather water plentifully.

Simmers' Nonpareil Cabbage—This remarkable variety, first introduced by us a few years since, has rapidly grown in popularity among gardeners who all agree in pronouncing it not only the best lettuce they have ever grown for forcing under glass in hotbed and greenhouse, but equally valuable for growing in cold frames and in open ground during the hottest summer months. It is a beautiful light yellowish green color and of very superior even quality. It has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth is unequalled by any other lettuce. It is the shyest seeder and slowest to shoot to seed of any lettuce we have ever grown. It is decidedly the best and easiest grown of all lettuces for both the family and market gardener. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.40.

Grand Rapids—Of handsome appearance, a strong grower, very crisp and tender, and not apt to rot, and will keep from wilting longer than any other. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.25.

HANSON—Producing heads of a remarkable size, tender and crisp, beautiful green without and white within, heads sometimes weighing $2\frac{1}{2}$ to 3 lbs. Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.20.

The Garden-er's Favorite—One of the best heading varieties, suitable either for forcing or outdoor cultivation; heads large and solid. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.40.

Toronto Market—Heads large, very solid and good flavored; color yellowish-green and suitable for forcing and open air cultivation. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.40.



Grand Rapids Lettuce

ASPARAGUS LETTUCE—The leaves are long and conical, often 18 inches high, which become as stiff, crisp and sweet as celery stalks, and are delicious when eaten in the same manner or prepared for salad. The midribs can also be prepared and served up as Asparagus. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, per lb \$1.40.

Simpson's Early Curled Cabbage—Suitable for forcing. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.40.

GREEN CURLED SILESIAN—A very ornamental and most beautiful variety, of a very delicate shade of green, with the inner part of the leaves white; the edges are beautifully cut and fringed. Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.



Kohl Rabi

KOHL RABI.

German—*Kohl Rabi*. French—*Chou-rabe*.

A vegetable intermediate between the Cabbage and the Turnip. It is best cultivated by sowing the seeds in rows in May, June and July, according to latitude. In this district we sow through June for succession, in rows 18 inches apart, thinning out to 8 inches between the plants. It is rather difficult to transplant and it is generally preferable to sow the whole crop from seed and thin out where it stands, although when the weather is favorable the thinnings may be planted at the distances above mentioned.

Early White Vienna—Flesh white and tender, best market sort, excellent for table use. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Early Purple Vienna—Similar to the preceding except in color. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 50c, lb \$1.50.



Simmers' Nonpareil Cabbage Lettuce

Big Boston—This variety is identical in color, shape and general appearance with the famous Hanson Cabbage Lettuce, but is double the size. It is but one week later in maturing, but its solidity and greater size of head will make it a most desirable variety either for forcing in cold frames or open ground planting. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

New Cos Celery Lettuce—Trianon Self-Closing—The long narrow leaves which form solid heads, almost like a Wakefield Cabbage, bleach and quickly become snowy white. They excel all other lettuce in quality, having a taste and crispness unequalled. The leaves when bleached are stiff like celery stalks and can be eaten in the same manner. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Paris White Cos—Tender and crisp, should be tied up to ensure blanching. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Paris Green Cos—Hardy and tender, one of the best of the Cos varieties. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Denver Market—It forms large solid heads of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy Cabbage), and very crisp and tender and of excellent flavor. Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Silverball Cabbage—This Lettuce produces a beautiful head, very firm, solid and compact, with handsomely curled leaves. The head is of an attractive silvery-white color, very rich, buttery, and of most delicious flavor. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 50c, lb \$2.00.

Green Fringed, or California Curled—Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.25.

Tennis Ball—Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Drumhead or Maltese Cabbage—Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Victoria Red-Edged Cabbage—Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.40.

LEEK

German—*Lauch*. French—*Poireau*.

One ounce will sow a drill of about 100 feet.

CULTURE—The Leek is very hardy and easily cultivated; it succeeds best in light but well enriched soil. Sow as early in spring as practicable in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck being covered, may be blanched.

Large Scotch or Broad Leaved Flag. Per pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Large Musselburgh. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.



Leek

Simmers' Muskmelons

German—Melonen.

French—Melon.

One ounce will plant about 80 hills.

CULTURE.—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Muskmelons, 8 feet for Watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over thin out to 3 plants per hill. When about 1 foot long pinch off the tips to make them branch, as it strengthens the growth of the vines, and makes the fruit mature earlier. Be careful not to plant pumpkins or squashes near them as they will hybridize. A few hills, for early use, may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground.

PAUL ROSE—For description see novelties. Pkt 10c, 3 pkts 25c, oz 50c, 2 oz 80c.

Simmers' Dominion Green Flesh—The fruit is nearly round, flattened at the ends, deeply and very regularly ribbed; skin green, densely netted; flesh remarkably thick, light green, melting and of a delicious flavor. They are very regular in shape, and uniformly grow to a large size. To all who raise, to grow the handsomest possible melons for exhibition, or extra large fine melons for market, we highly recommend the Dominion Green Flesh. Per pkt 10c, oz 50c, 2 oz 75c, $\frac{1}{4}$ lb \$1.00, lb \$4.00.



Tip-Top Musk Melon

Tip-Top—Quite distinct in appearance, this new Melon is of the finest quality. Flesh yellow, sweet, juicy and firm, but not hard fleshed. Fruit ribbed and beautifully netted, a very productive and excellent variety. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

"Perfected Delmonico"—The Melons average about 6 inches in diameter, have a very small seed cavity, and are exceedingly thick and heavy for their size.

The flesh is a deep rich orange-yellow color, and of very fine grain, without the slightest stringiness. A strong, hardy grower and very prolific. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

"The Newport" Musk—The Newport Melon, while small, is very deep fleshed, and of a dark green color. The "Newport" stands in the same relation to the green-fleshed melons that the "Banquet" does to the red-fleshed, in every respect the best. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.25.

The Princess Muskmelon—Nearly round in shape, heavily netted, dark green skin. The flesh is of a rich salmon color, thicker than in any other melon, and in flavor is sweet and luscious beyond description. They ripen early and grow to a good size, frequently weighing from 8 to 10 lbs each; vines grow vigorously and are very productive, often producing 6 to 8 perfect melons on a single vine. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.



Simmers' Dominion Green Flesh Muskmelon

The Banquet—A good medium sized melon, very flat at both ends, and more beautifully netted than any other variety. In quality it is unequalled; the flesh uniformly deep, color dark rich salmon. It is undoubtedly one of the most beautiful and luscious melons. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Emerald Gem—This variety is of rich, delicious flavor and fine quality. Distinct, very early and prolific; skin ribbed, yet smooth, and of a deep emerald green, with a few lighter-colored stripes. The flesh is thick, of a suffused salmon color. Specially recommended to those who wish a highly-flavored fruit. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.



Extra Early Netted Gem Muskmelon

Montreal Green Nutmeg—A beautiful, round, netted, deep ribbed variety, luscious and sweet, ripening freely under ordinary care, and fruit of enormous size, sometimes weighing from 30 to 40 lbs. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Extra Early Netted Gem, Oval Strain—One of the earliest, best and most prolific small Melons. Oval shape, uniform in size; flesh light green, of very fine flavor; a popular variety with market gardeners, as it is very uniform and an excellent shipper. Pkt. 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, 1 lb \$1.

Jersey Belle—Although not quite as early as the Hackensack, does best on light soils, and will develop perfectly even on white sand. It is of beautiful shape, a little flattened on the ends, deeply ribbed and heavily netted, indicating, by its outward appearance, the exquisite quality of the beautiful green flesh within. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 75c.

Early Hackensack—A variety of the Green Muskmelon, grows to a large size, very productive and of exquisite flavor. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

The Bay View—A large, prolific, and fine flavored green-fleshed melon; with ordinary cultivation this variety has produced melons weighing from 10 to 15 lbs. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Improved Christiana—The earliest Muskmelon known, green flesh, netted and exquisite flavor. Per pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.

Persian or Casawba—Oblong, netted, green flesh, early, delicious flavor, recommended for garden. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Miller Cream or Osage—A remarkably good variety, of large size and delicious flavor, flesh rich salmon, very thick and solid. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 80c.

Early Yellow Cantaloupe—Very fine flavor, flesh reddish orange, an early and productive variety. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 80c.

The Surprise—Red flesh. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 80c.

Skillman's Fine Netted—The best early kind, green flesh and luscious flavor. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 80c.

Mango Melon, Vegetable Peach (Vine Peach)—The fruit is about the size of a large peach or orange, oval-shaped, and of a bright orange-yellow color, somewhat russeted outside, flesh is snow-white. For sweet pickles, pies or preserving they are superb. Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Garden Lemon

Resembles the Vegetable Peach in growth and shape of fruit, but is distinct in that the unripe fruit is striped with very dark green, almost black, while the Vegetable Peach is plain, and when ripe is not russeted like the Mango Melon. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Citron

Citron—For preserves, striped, marbled light green, flesh white and solid. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb \$1.00.

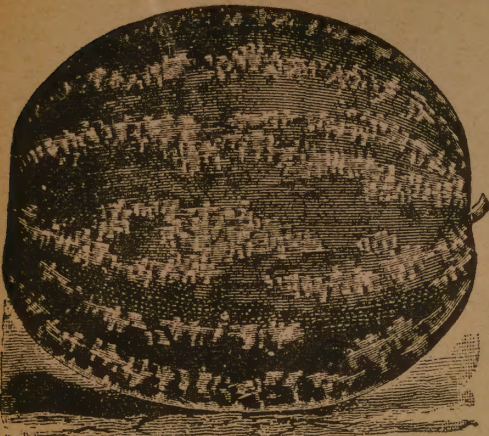
"Colorado Preserving"—Most prolific, flesh firm and solid, large size preserving qualities the best. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb \$1.00.



Citron for Preserving

WATERMELONS

German—Wasser Melone. French—Melon d'eau.
One ounce will plant about 60 hills.



Cole's Early Water Melon

CULTURE—Same as Muskmelons.

Vick's Early—Oblong, smooth, rather small, flesh bright pink, solid, sweet, and the earliest melon known. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

COLE'S EARLY—Very hardy, a surecropper, and extremely delicate in texture of flesh which is of a dark red color; rind is thin and exceedingly brittle. We highly recommend it for home use. Medium size, nearly round in shape; rind green, striped with lighter shades. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Stoke's Extra Early—This distinct melon is, without doubt, the earliest of all. Their shape is nearly round, dark green skin, slightly mottled with white. The flesh is deep scarlet, remarkably solid and in delicious sugary flavor is unsurpassed by any other melon. Their average weight is about fifteen pounds. The seed is very small, being only about half the size of other melon seeds. They are also much more productive than the larger sorts. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Melver's Sugar—A large, oblong melon of handsome appearance; skin shows broad bands of white, with narrower ones of green. Its soft pink flesh is crisp and juicy, and solid to the centre. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Nabob—A very large, solid, heavy melon, of splendid keeping qualities. Slightly oblong in shape, with a little depression at the bloom end of eye. Color dark green, peculiarly mottled with light green spots, which might suggest irregular carving. Medium early and of magnificent large keeping qualities. Pkt 5c, oz 10c, 2 oz 20c, 1 lb 30c, lb \$1.



Melver's Wonderful Sugar Melon
The Sweetest Melon Grown.

Seminole—Large size and delicious flavor. Flesh a vivid crimson color; crisp and sugary. The melons are of two colors—gray and light green, the latter a darker coloring of the former. Melons of both colors are found on the same vine, and are exactly the same in shape, size, color of seed, flavor and quality. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Improved Long Dixie—A cross between Kolb's Gem and Mountain Sweet, surpassing the former in shipping qualities, and fully equalling the latter in fine eating quality and flavor, being a week to ten days earlier than either with a remarkably thin rind almost impenetrable, which preserves it for a great length of time. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Kolb's Gem, or American Champion—Flavor of the best, with red core, keeping qualities very good, melons attaining a size of 25 to 50 lbs. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Long Island—Red core, a large variety, very popular, sweet and luscious. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Cuban Queen—Beautifully striped, bright red flesh, solid, luscious, crisp and sugary. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Black Spanish Early—Red core, very delicious, skin dark green. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Mountain Sweet—Fruit oblong, dark green, rind thin, solid, very sweet and delicious. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Phinney's—Oblong, bright red flesh, sweet, tender, well flavored, very productive and early. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Mustard—One ounce will sow about thirty feet of drill.

German—Senf. French—Moutarde.
CULTURE.—Sow rather thickly, in rows, in a hotbed, as early as possible in the spring, or in the open ground in May. Repeat the sowing about every fortnight for a succession. It is cut and mixed with cress for salad when about two inches high.

White—For salad or medicinal purposes. Pkt 5c, oz 10c, 1 lb 15c, lb 30c.

Brown—For seasoning, more pungent in flavor than the White. Pkt 5c, oz 10c, 1 lb 15c, lb 30c.

New Chinese—Leaves twice the size of the ordinary white Mustard. stems more succulent, of deeper green; flavor pleasantly sweet and pungent. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb \$1.00.

Nasturtium, or Indian Cress.
One ounce will sow about thirty feet of drill.

CULTURE.—Sow about the middle of May in the open ground, one inch deep in patches, and train them to sticks. The seed when young and tender are picked as a substitute for capers to which some prefer them. The leaves are eaten in salad and are very tasty; are also used as a garnish.

Tall Mixed Nasturtium—Pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Dwarf Mixed Nasturtium—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.40.



J.A.S. - RELIABLE MUSHROOM SPAWN

MUSHROOMS (as grown from Spawn supplied by us)

German—Champignonbrot.

MUSHROOMS

French—Champignon.

The general use of Mushrooms as a delicious and wholesome dish has been somewhat limited, owing to the extremely high price this article generally commands in the market. But there is no excuse why everyone, that has a few feet available, may it be in a dark cellar, barn or shed, where the temperature can be maintained at from 50 to 60 degrees, should not have his table abundantly supplied with Mushrooms throughout the greater part of the year. It is only a question of time when, instead of being a luxury, Mushrooms will be as commonly served with our meats as onions are to-day. Considering the abundance of the necessary materials in all parts of our country, both in city and farm, and the high estimation in which the Mushroom is held, it is plainly demonstrated that the cultivation of Mushrooms is in its infancy in our country. The best results have been obtained by the use of our superior English Mushroom Spawn, known as J.A.S. or J. A.

Simmers' Prolific, which is largely used by the most successful growers around Toronto. Full and explicit instructions are contained in our circular, "How to Grow Mushrooms Successfully," which we will mail for 10c, or free with orders for two bricks.

PRICES

Imported English Spawn—Made up in large bricks, 25c each, 5 for \$1, 10 for \$1.90c, postpaid. By express—Per doz \$1.50, per 25, \$2.75.

Imported French Spawn—Loose, in boxes, of the size generally wanted by mushroom growers, \$1.00 each, postpaid, \$8.50 per dozen boxes. In boxes for small gardens, 50c each.

Martynia—**Martynia Proboscidea**—The best variety for pickles. Sow in May or June, at least three feet apart. Pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1.00, lb \$3.00.

If you have no use for this valuable Catalogue, we request you to give or send it to some seed-buying friend of your acquaintance, or RETURN TO US. Kindly advise us of any change in your address.—J. A. SIMMERS, Toronto.

ONIONS

GERMAN—Zwiebel.

FRENCH—Oignon.

One ounce will sow 100 feet of drill;

4 pounds is sufficient for an acre.

CULTURE.—The onion thrives best in a rather deep, rich, loamy soil, and, unlike most vegetables succeeds well when cultivated on the same ground for successive years. The best culture requires that the ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to pulverize. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread it firmly; sow thinly, in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs.

ATTENTION! Choice selected stocks of Onion seed such as we offer, are scarcer this season than they have been in years. We do not think seed of equal quality can be bought anywhere for less money. If you are offered First-Class Seed at lower prices, kindly send us list of varieties and quantities, when we will quote Special Prices by letter.

Yellow Varieties

Large Yellow Globe Danvers—The most popular yellow onion all over the country. Our strain of seed has been selected most carefully, the flatter onions being thrown out. The name "Globe" in this connection must be taken comparatively, as the **True Danvers Onion** is never so perfectly globe-shaped as the **Southport Yellow Globe**. All the perfectly globe-shaped varieties are later maturing than **The Yellow Globe Danvers**. We cannot too strongly recommend our seed of this variety; from careful trials we know it is unsurpassed by any strain. The onions from which our seed is raised are selected on the following points: Earliness of maturity, extra large size, even and handsome form, thin neck and best keeping qualities.

Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

Large Yellow Flat Danvers—In quality, size and productiveness, equal to the preceding, but flat in shape. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Large Yellow Strasburg, or Dutch—One of the oldest varieties, good keeper and fine flavored. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.



Simmers' Large Yellow Globe Danvers Onion

PRIZE TAKER ONION—True American Grown—This is a large, beautiful Spanish Onion that is offered for sale in the fruit stores and in the markets of all large cities. They are of enormous size, averaging 14 to 16 inches in circumference. Although of such great size, it is very hardy, and a very fair winter keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. In market it attracts marked attention, and sells readily at about double the price of any other sort. *Beware of imported spurious seed. (See cut).*

Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Southport Yellow Globe—Same shape as White Globe, color yellow, an excellent keeper. Our stock of this is perhaps the finest in the country. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.20.

Giant Yellow or Lemon Rocca—Very handsome shape with flattened top. They grow to measure five inches in diameter. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.25.

OUR ONE DOLLAR VEGETABLE COLLECTION

is the most complete collection for the Home Garden ever offered for the money, and we want every reader of this Catalogue to enclose at least a \$1 bill for this Collection.

The "NEW ONION CULTURE." Useful Edition.
Price, 50 cents, Postpaid.



Large Yellow Strasburg or Dutch Onion

Red Varieties

Large Red Wethersfield—The most profitable Red Onion for the market gardener, as it is the heaviest yielder, 600 to 800 bushels having frequently been harvested on a single acre from seed sown in spring. It is of good strong flavor, the best keeper and an excellent shipper. It grows to good size, single onions often weighing from one to two pounds apiece. In short, it is the best Red Onion for everybody. Our strain is unsurpassed, the seed we offer having been saved from the largest onions of perfect shape, deepest color and thinnest neck. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

Extra Early Red—Quite distinct and true (American growth), about ten days earlier than the preceding. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Red Victoria—The skin is deep blood red, flesh white and of sweet, mild flavor. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Giant Brown Rocca—Very large and globular, light brown skin and delicate flavor. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Mammoth Pompeli—This excellent Italian variety grows to an enormous size. Onions weighing from 4 to 5 pounds each have been grown of this variety. The skin is a delicate red and the flesh is close grained and nearly white. It is of a very mild flavor. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Red Tripoli—Excellent quality. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Large Red Madeira—Large, tender and a good keeper. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

SPECIAL OFFER

OF

ONION SEED

1 PACKET EACH FOR 15c.

YELLOW GLOBE DANVERS

LARGE RED WETHERSFIELD

PRIZE TAKER

WHITE BARLETTA PICKLING



Southport Yellow Globe Onion



Large Red Wethersfield Onion

If you use ONION SEED in large quantities, please state how much and let us quote you.

Simmers' Onion Seeds...



Mammoth Silver King Onion (White)

White Varieties

Southport White Globe—Handsome globular onion, of mild flavor, good keeper, one of the best. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.50.

Largest White Portugal—Mild flavor, good keeper, extensively grown for market. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.50.

Large French or Welch—This variety should be sown in August; it is excellent for salads. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.50.

White Victoria Onion—Skin and flesh pure white, of sweet mild flavor. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Mammoth Silver King (White)—The bulbs are of attractive form, flattened but thick through, bulbs often weigh from 2½ to 4 lbs each; the skin is a beautiful silvery white. Flesh is snowy white, and of a particularly mild and pleasant flavor, so sweet and tender is the flesh that it can be eaten raw like an apple. (See cut.) Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

White Pearl—One of the earliest varieties, of a pure white color, mild flavor and attractive appearance. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

White Tripoli—Excellent quality. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.50.

White Pickling Varieties

White Barletta—This variety is most distinct on account of its great earliness. It is three weeks earlier than the *White Queen*. It is of a beautiful waxy white color, and grows 1½ in. in diameter, ¾ in thick, with finely formed bulbs, flattened at top. Its earliness highly recommends its use as a substitute for Onion Sets, and it is without a rival for pickles. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.25.

Small White Nocera—The finest for pickling, very small and round, pure white. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Silverskin—A handsome onion of mild flavor, extensively grown for pickling. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 50c, lb \$1.75.

White Queen—Remarkable for its extreme earliness and very mild flavor it is small and white skinned; much liked for pickling. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.



Onion Sets

Our Prices

on packets include postage; prices on pints, quarts, etc., are net unless otherwise mentioned. If to go by mail, postage should be added at the rate of 4c per pint and 8c per quart to these prices.

Sow
Simmers'
seeds

AND

Reap
Rich
Rewards



Red Victoria Onion



Onion "Prize Taker"

ONION SETS

One quart of Sets is needed for 100 feet of drill

Please remember that Onion Sets are subject to fluctuations of the market, and the prices quoted below are those of the time when this Catalogue was published, and are not binding throughout the season.

White Multiplier Onion Sets—Are of a pure silvery white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted; of excellent quality and size for bunching green, or can be ripened for use as pickling onions. Their keeping qualities are remarkable, but their most important quality is their extreme earliness, being ready for market from three to four weeks ahead of other onion sets. Pt 15c, qt 20c, 2 qts 40c, 4 qts 75c, postpaid. Peck \$1.25, bush \$4.50, carriage extra.

Yellow Onion Sets (Dutch Sets)—Pt 10c, qt 20c, 2 qts 35c, 4 qts 60c, postpaid; peck \$1, carriage extra.

White Onion Sets (Dutch Sets)—Pt 15c, qt 25c, 2 qts 40c, 4 qts 75c, postpaid; peck \$1.50, carriage extra.

English Potato Onion Sets—The real English multiplier. Lb 15c, 2 lbs 25c, 4 lbs 50c, postpaid; peck \$1.25, carriage extra.

Top or Button Onion Sets (Red and Yellow)—Pt 15c, qt 25c, 2 qts 40c, 4 qts 75c, postpaid; peck \$1.15, carriage extra.

Shallots, or Multiplier Onion Sets—For early spring use. Qt 10c, 3 qts 25c, ½ peck 40c, postpaid; peck 65c, carriage extra.

Egyptian or Perennial Tree Onion—For fall delivery only. Grows for years without any protection or care, except to keep down weeds. It starts so early in the spring that it is ready for use long before any other onions can be had. It is mild flavored, sweet and tender. Bulbs divide into 15 or 20 small onions in one bunch.

Very early and profitable for market gardeners.

Pt 10c, qt 15c, 2 qts 25c, postpaid; peck 60c, carriage extra.

SPECIAL OFFER

One pint each "White and Yellow Dutch Sets, by mail, postpaid..	\$0 25
One quart " " " " " " " "	0 40
Four quarts " " " " " " " "	1 30

Please write us for prices on bushel lots of Onion Sets (prices fluctuate) and we will quote lowest market rates.



Early Small White Silverskin Onion for Pickling



White Multiplier Onion Sets

Good Onion Seed is of the utmost importance. Simmers' Onion Seed is unexcelled.

German—*Pfeffer*.**PEPPER**French—*Piment*.

One ounce of seed will produce 2,000 Plants.

Improved Bull Nose Or Large
Squash or Bell Pepper

Procopp's Giant—They are of a brilliant scarlet color, flesh fully one-half inch in thickness. In flavor they are just hot enough to be pleasant to the taste. Each plant ripens from eight to twelve perfect fruits, from eight to ten inches long by three inches thick. Pkt 5c, oz 40c.

Celestial—The plant begins to set its fruits early in the season, and continues until frost, branching freely and bearing profusely. They are from two to three inches long, of clear, sharp flavor, and superior for any of the uses to which a pepper can be put. Pkt 5c, oz 40c.

Sweet Spanish—Fruit obtusely conical, often four inches in length, nearly three inches in diameter, glossy scarlet at maturity, the earliest of all, sweet, mild and pleasant. Pkt 5c, oz 40c.

Small Red Chili—Fruit very piquant and small, about two inches in length. Pkt 5c, oz 30c.

Mammoth Golden Queen or Mango—Beautiful golden-yellow color very sweet, of dwarf growth, with very large fruit, and in productiveness surpasses any other variety, free from fiery flavor. Pkt 5c, oz 30c.

Black Nubian Pepper—The peppers are of a deep blue-black, appearing nearly coal black, while the stalks of the plant are also black, bearing deep purple flowers, and the fruit as it ripens turns to a rich maroon. Superior for pickling at any stage, and when ripe are of a very sharp, pungent flavor. Pkt 5c, oz 40c.

Improved Bull Nose or Large Squash or Bell—Of mild flavor, favorite sort for pickling and for use in the natural state. Pkt 5c, oz 30c.

Long Cayenne—Best for pickles, pods small, cone-shaped, red. Pkt 5c, oz 30c.

Long Red—Pods brilliant red, 2 to 4 inches in length. Pkt 5c, oz 40c.

Monstrous or Grossum—Remarkably large and irregular in shape, sweet and thick flesh. Pkt 5c, oz 40c.

PARSNIPSGer.—*Pastinake*. Fr.—*Panais*.

One ounce will sow about 150 feet of drill.

CULTURE.—Parsnips succeed best in a deep, free, rich soil; that having been heavily manured for previous crops should be selected, and if manure must be used, let it be well decomposed. Sow in drills 15 to 18 inches apart, as early in the spring as possible, thin out, leaving six inches between them. The roots are hardy and are improved by frost, and it is usual to take up sufficient in the fall for winter use, leaving the rest in the ground until spring to be dug up as required; they are valuable for the table as well as for dairy stock.

Large Long Smooth Dutch Hollow Crowned—Roots long, tender, free from side shoots, excellent flavor. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1 lb 50c.

Improved Guernsey, or Half Long—A very fine and improved strain, which has given general satisfaction. The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. The roots are very smooth, the flesh fine grained, and of excellent quality. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1 lb 50c.

Early Round—A short variety, crown broad and rounded, somewhat hollow at the insertion of the leaves, very fine flavored. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1 lb 50c.

OKRA or GUMBOGer.—*Essbarer*. Fr.—*Gombo*.

One ounce will plant 100 hills.

CULTURE.—Its long pods when young are used in soups, stews, etc. It is sown at the usual time of all tender vegetables, in drills 2 inches deep, setting the plants from 2 to 3 feet apart.

Long Pale Green—Long-ribbed pods, this variety generally succeeds the best of any. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c.

Dwarf Green—Earliest, with small green smooth pods. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c.

German—*Petersilie*.**PARSLEY**French—*Persil*.

One ounce will sow 150 feet of drill.

Covent Garden, or Champion Moss Curled
Parsley

Covent Garden Garnishing, or Champion Moss Curled—A perfectly curled variety, Pkt 5c, oz 10c, 2 oz 15c, ½ lb 25c, 1 lb \$1.00.

Fernleaved—Light green color, not curled, but rather delicately feathered. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 25c, 1 lb \$1.00.

Soak the seeds a few hours in warm water, and sow very early in the spring, in drills twelve inches apart; thin out the plants to six inches apart. To have green during the winter, remove plants into a box and place in a light cellar or cold frame.

Best Extra Triple Curled—With leaves finely cut and curled, and of a deep emerald green hue. Extra fine for garnishing and culinary purposes. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 25c, 1 lb \$1.00.

Dwarf, Very Curled—Very curly, one of the most delicate of the curled sorts. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 25c, 1 lb \$1.00.

SPECIAL OFFER—Parsley, Pepper, Parsnips—One Packet Each 10c.

German—*Kurbis*.**PUMPKINS**French—*Courge*.

One ounce will plant about 25 hills.

CULTURE.—Seeds are from enormous specimens, should be sown on hills with plenty of manure at bottom, in a rather damp ground. Only 2 or 3 plants to each hill. Excellent for culinary and feeding purposes.

Simmers' Mammoth Prize Pumpkin—Flesh and skin bright golden yellow. Flesh fine grained, excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, fine keeper. Stock limited. Pkt 15c, 2 pkts 25c. Seed saved from prize winning specimens, per pkt 25c.

Large Yellow Mammoth Cheese—Hardy, productive and superior in all respects to most of the field grown sorts, fine grained and excellent flavor, growing to an enormous size. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1 lb 75c.

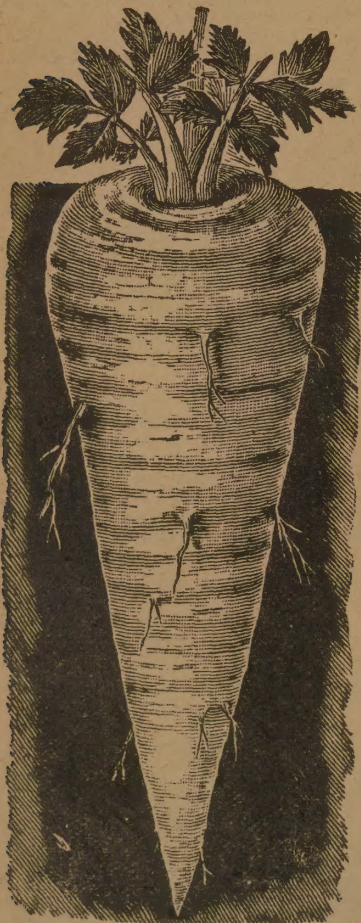
Japanese Pie—Flesh very thick, nearly solid, unusually fine grained, dry and sweet, resembling sweet potatoes in taste. It ripens early and keeps well. The seeds are very curiously marked. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1 lb 75c.

Large Field—Both for culinary purposes and for feeding cattle, a large yellow variety known as the "Pie Pumpkin." Pkt 5c, ½ lb 10c, 1 lb 25c.

Jumbo—One of the largest varieties grown, very attractive. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, 1 lb \$1.00.

Johnathan Pumpkin—This pumpkin is pronounced by a veteran pumpkin grower one of the finest varieties he has ever grown. It is a good keeper of large size, very prolific, smooth and even fleshed; very sweet and fine for pies. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, 1 lb \$1.00.

SPECIAL OFFER { 1 Packet Simmers' Mammoth Prize... } 20c.
 { 1 Packet Yellow Mammoth Cheese }
 { 1 Packet Jumbo..... }



Hollow Crowned Parsnip



Jumbo Pumpkin

POTATOES FOR SEED

GERMAN—Kartoffel.

FRENCH—Pomme de terre.

In drills 3 feet apart: 12 to 14 bushels to the acre.
1 peck will plant about 125 hills.

"THE NEW POTATO CULTURE," by Elbert S. Carman. Price: cloth, 75c; paper, 50c.

WE SHALL SHIP as early as is safe from frost, but we will ship when requested any time customers wish to take their own risk. On late orders it will save time to state, in case supply of some kinds is exhausted, whether you wish us to return money or substitute other sorts of same value.

Prices on Potatoes are subject to market changes. Special rates per bushel on large lots.

"EARLY PRIDE"

The **Early Pride Potato** is one of the best Potatoes ever introduced, it is oblong in shape, the eyes being shallow. The skin is a delicate pink color and the flesh white, and in cooking qualities it is unsurpassed. It grows a very even size there being few very large or very small tubers. With the exceptions of the **Early Rose** and **Freeman** Potato, no other variety has ever created such a good impression as has been produced by our **Early Pride**. In an unfavorable potato year like 1898 our growers of **Early Pride** report yields of 200 to 400 bushels per acre. On account of its extreme earliness, it is not affected by the usual late Summer and Fall droughts, while its keeping qualities are not surpassed by any late variety in cultivation to-day. Enthusiastically pronounced by all who have tried it, a perfect potato and a wonderful money maker. In quality it equals the **Freeman**, either baked or boiled, which is saying a good deal. The illustration herewith is an exact representation of an average specimen of **Early Pride**, and its smooth and handsome appearance is accurately shown. Another point to be considered is the fact that **Early Pride** Potatoes produce an unusually large proportion of merchantable tubers; they grow so compactly in the hills, and a small potato is seldom seen.

Per lb 30c, 2 lb 50c, 4 lb 90c, postpaid; peck 75c, $\frac{1}{2}$ bush \$1.25; bush \$2.00, barrel \$4.25, carriage extra.

"UNCLE SAM" MAIN CROP VARIETY

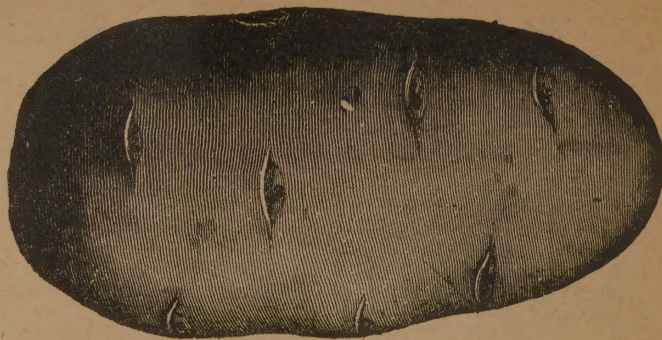
"**UNCLE SAM**" possesses more desirable qualities than any other Potato. Its cropping qualities are phenomenal, and we believe it to be the heaviest yielding Potato known, not even excepting several varieties worthless in every other respect than their heavy cropping qualities—varieties which produce coarse, waxy and unpalatable tubers. Its productiveness is largely attributable to the uniform size of the Potatoes, nearly all sizing up alike, none too large and few too small, but its crowning merit is its superb cooking qualities, which will ultimately place "**UNCLE SAM**" on every table where quality in Potatoes is appreciated. Its handsome pure white floury appearance attracts the attention of all. It is a medium late variety, ripening along with **Rural New Yorker** No. 2, and has most luxuriant foliage, completely shading the ground. The tubers are oval with pure white russet skin, with very shallow eyes near the surface, and are so handsome in appearance and perfect in form that they will always bring an enhanced price upon the market.

Per lb 30c, 2 lb 50c, 4 lb 90c, postpaid; peck 60c, $\frac{1}{2}$ bush \$1.00, bush \$1.75, barrel (10 pecks) \$4.00, carriage extra.

New Extra Early Potato THE "BOVEE"

The Earliest of all, and a Great Cropper.

The reports received proclaim this to be a wonderful introduction among early Potatoes. Not only is it the earliest, but it takes a leading place among the heavy cropping varieties, an unusual thing among first earlies. It is even earlier than **Early Ohio**, while the "**Bovee**" in all competitive trials has outyielded all the early Potatoes, and in many of the tests conducted by Experiment Stations and private growers, it has outyielded even the late varieties, including such heavy cropping kinds as **Carman** No. 1, **Empire State**, **Rural New-**



"Early Pride" Potato

Yorker No. 2, **Irish Daisy**, **Maggie Murphy**, **Great Divide** and others. The vine is dwarf and stocky, and the tubers grow remarkably close, all bunched together in the hill close up to the vine. They size up to a marketable size more evenly than any Potato we ever saw; none too large or too small; practically the whole crop being merchantable.

Per lb 30c, 2 lb 50c, 4 lb 90c, postpaid; peck 75c, $\frac{1}{2}$ bush \$1.25, bush \$2.00, barrel (10 pecks) \$4.50, carriage extra.

Early Thoroughbred

Perfection at last attained! As fine flavor as the **Freeman**, as great a cropper as the **Irish Daisy**, and as early or earlier than **Early Ohio**. This variety besides being so early, is of handsome appearance, superb quality, and an enormous yielder, in fact all who have tried it consider it a perfect Potato.

Per lb 20c, per 3 lbs 50c, postpaid; peck 50c, bush \$1.75, carriage extra.

"Early Norther"

Several days earlier than the **Early Rose**, and equally prolific, a most desirable sort. It is a strong, vigorous grower, and the potatoes are bunched well together in hills. Its table qualities cannot be excelled, cooking dry and floury, whether baked or boiled.

Price, per lb 15c, 3 lbs 40c, postpaid; peck 50c, bushel \$1.25.

Carman No. 3

This new seedling is one of the greatest yielders of large potatoes that was ever sent out. It bears its tubers very close to the plant, and is, therefore, easily dug. Its shapely form is all that can be desired. It is a perfect keeper. Skin and flesh very white, eyes few and shallow, late in ripening.

Price, per lb 15c, 3 lbs 40c, postpaid; peck 50c, bushel \$1.25.

The Early St. George

The potatoes are uniformly of good size, entirely free from rough or scabby tubers, with very few small ones; oblong in shape, very smooth, eyes well set on the surface, skin creamy white, slightly shaded with pink; the flesh is pure white, remarkably fine grained, and of the very best table quality, a sure cropper and immensely productive.

Price, per lb 15c, 3 lbs 40c, postpaid; peck 50c, bushel \$1.25, carriage extra.

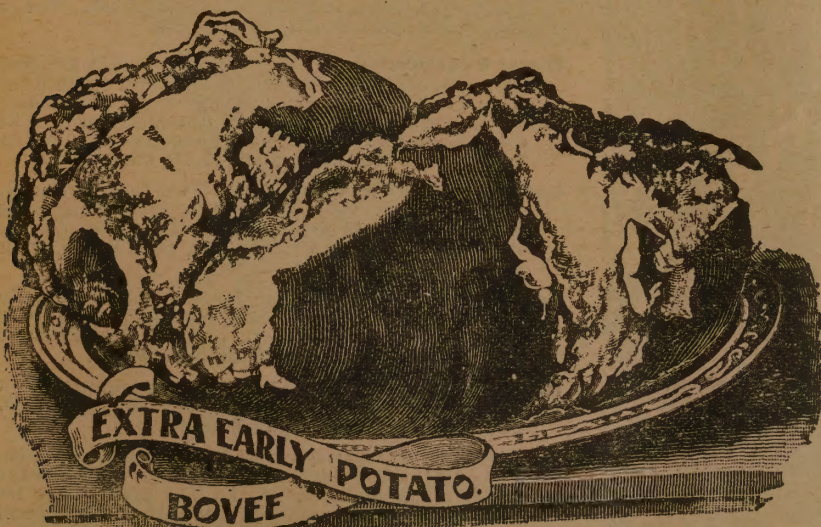
Standard Varieties

The Freeman—Price, per lb 15c, 3 lbs 40c, postpaid; peck 50c, bushel \$1.25, barrel \$2.75.

Extra Early Ohio—Per lb 15c, 3 lbs 40c, postpaid; peck 40c, bushel \$1.25, barrel \$2.75.

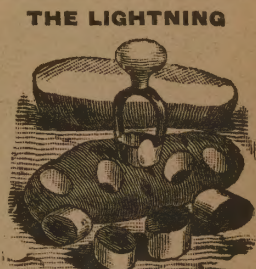
Burpee's Extra Early—Per lb 15c, 3 lbs 40c, postpaid; peck 40c, bushel \$1.25, barrel \$2.75.

Great Divide—Price, per lb 15c, 3 lbs 40c, peck 50c, bushel \$1.25.



SEED POTATO KNIFE

Price, 35 Cents,
Postpaid.



POTATO EYE CUTTER
Price, 80c, Postpaid.

POTATO EYES FREE—By Mail

The eyes as put up by us are in as good condition for growing as if freshly cut from the potato, and will produce just as good a crop, hence everyone who has a garden can order at any time during the winter or early spring and save express or freight charges. We offer six varieties this season as follows:

25 Eyes, **Early Thoroughbred**, 25c. 25 Eyes, **Early Norther**, 25c. 25 Eyes, **Carman** No. 3, 25c. 25 Eyes, **The St. George**, 25c.

SPECIAL OFFER 25 Eyes each of the above 4 Varieties for 80 cents, Postpaid.

POTATO SEED, per pkt 25c.

Special Offer 1 lb each **The "Bovee," "Uncle Sam,"** and **"Early Pride,"** ALSO 1 peck each \$1.90, 1 bush each \$5.25, by freight delivered free for 75c, 2 lbs each \$1.25, 4 lbs each \$2.40. or express at purchaser's expense.

PEAS

GERMAN—*Erbsen*.FRENCH—*Pois*.

One pound will plant about 50 feet of drill, from one to two bushels per acre.

CULTURE—The Pea comes earliest to maturity in light, rich soil. For general crops a deep loam, or a soil strongly inclined to clay, is the best; for early crops, mild manure, such as leaf mould, should be employed. Plant as early as the weather will permit, in well-prepared soil, and cover about 2 or 3 in. deep. Sow 3 feet apart for early kinds, and 4 feet for late. For a continuous supply sow from early in April until the last of June; then discontinue until middle of August, when an extra early sort will sometimes produce a good crop. Soak in warm water a few hours previous to sowing.

EARLY VARIETIES

Small Packets of any variety, 5 cts, except where noted.
Please add 4c. per pound for postage.

Simmers' First of all—Two feet, very productive, so called owing to its extreme earliness; specially grown for our trade; market gardeners will find this variety the best for first market. Per lb or pt 10c, qt (2 lbs) 15c, peck 90c, bush \$3.50.

Carter's First Crop, or Ringleader—Two feet, one of the earliest in cultivation, very productive, good flavor, the haulm being literally covered with pods. Per lb or pt 10c, qt (2 lbs) 15c, peck 90c, bush \$3.50.

McLean's Blue Peter—One foot, quite dwarf, requiring no support, a splendid bearer, and exquisite flavor, pods comparatively large and well filled. Per lb or pt 15c, qt (2 lbs) 25c, peck \$1, bush \$4.

Alaska—The earliest blue pea, very uniform in growth; the dark green color of the pods, combined with its earliness, makes it a most desirable extra early pea for market and private gardens; height 2 feet. Per lb or pt 10c, qt 15c, peck 90c, bush \$3.50.

McLean's Little Gem—One foot, dwarf green wrinkled marrow; has all the sugary flavor of the late wrinkled peas, besides being very early; needs no sticks. Per lb or pt 10c, qt (2 lbs) 15c, peck \$1.00, bush \$3.75.

Laxton's Alpha—The earliest wrinkled pea, fully as large as the Daniel O'Rourke, with the advantage of a rich quality, 2½ to 3 feet high. Per lb or pt 15c, qt (2 lbs) 25c, peck \$1.00, bush \$4.00.

NOTT'S EXCELSIOR—Robust and vigorous in growth, throwing out laterals from base of haulm, producing in profusion long handsome pods, closely packed with large peas of fine flavor. An improvement on American Wonder, being more vigorous and prolific, with larger pods, with more peas than either the Wonder or premium Gem. Seed, green, wrinkled, square at the end like American Wonder, height 12 inches. Per lb or pt 15c, qt 25c, peck \$1.20, bush \$4.50.

Extra Early Premium Gem—Very early, good flavor, productive, excellent for family use, one foot high, no sticks needed. Per lb or pt 10c, qt (2 lbs) 15c, peck \$1.00, bush \$3.75.

American Wonder—Ten inches, one of the earliest wrinkled peas in cultivation, exceedingly productive and of very dwarf and compact growth, quality the very best. Per lb or pt 15c, qt (2 lbs) 25c, peck \$1.10, bush \$4.25.



NOTT'S EXCELSIOR PEAS

The Lightning—As the name implies, this is a remarkably rapid grower and well adapted for market garden trade, as it bears very early. The pea is large for a first early, the pods well filled and numerous on the vine; height 2 feet. Per lb or pt 10c, qt 15c, peck 90c, bush \$3.50.

SIMMERS' "DAISY" PEAS—We pronounce the "Daisy" to be absolutely distinct from and immeasurably superior to any other Dwarf Pea in existence. The haulm in an average season grows to a length of 12 to 15 inches, and is practically covered with handsome pods 5 inches in length, containing 8 to 11 deep colored peas. This pea has the most exquisite flavor we have ever met with. Per lb 20c, per qt 35c.

MEDIUM EARLY VARIETIES

HEROINE—Elegant habit of growth, luxuriant foliage, pods remarkably long and handsome, slightly curved, well filled with large, luscious peas of fine flavor, a gem of the first water. Height 2 feet, seed green and very much wrinkled. Per lb 15c, qt 25c, peck \$1.00, bush \$4.00.

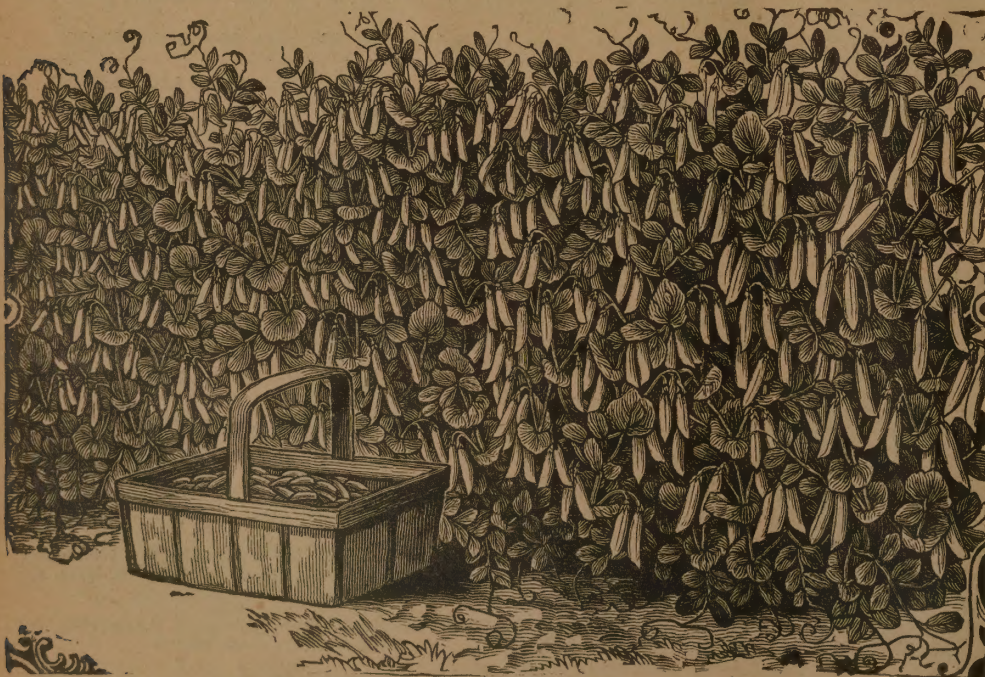
Bliss' Everbearing—Two feet, a splendid general crop pea, pods averaging 4 in. long and containing from 6 to 8 wrinkled peas of enormous size, many being over half an inch in diameter, while in sweetness of flavor they are unsurpassed. Per lb or pt 10c, qt (2 lbs) 15c, peck \$1.00, bush \$4.00.

Laxton's Prolific Long Pod—Two feet, a round, green variety, very productive, producing pods with from 11 to 12 peas in each, of superior flavor. Per lb or pt 15c, qt (2 lbs) 25c, peck \$1.25, bush \$4.80.

Laxton's Supreme—A fine, large and distinct early pea, of green marrow race, having from 9 to 10 peas in a pod, 4 feet high, prolific. Per lb or pt 15c, qt (2 lbs) 25c, peck \$1.25, bush \$4.80.

Blue Imperial—Three feet, large pods and prolific, a good summer pea, of fine flavor. Per lb or pt 10c, qt (2 lbs) 15c, peck 90c, bush \$3.50.

Horsford's Garden—Grows from 2 to 2½ feet high, it is extremely prolific, and bears its pods always in pairs, and on some of the best plants over 150 pods have been counted. One of the sweetest peas. Per lb 10c, qt 15c, peck 90c, bush \$3.50.



Simmers' First of All Peas

If Peas are to be sent by Mail be sure to add 4 cents per pound for postage.

PEAS

(Continued).

All Peas 5c per Pkt except where noted

Later or General Crop

Improved Stratagem—The old Stratagem Pea has always been one of the best late sorts for quality, but it was a shy yielder, which impaired its usefulness. The Improved Stratagem has all the sterling qualities of the original type and is one of the heaviest yielders. The vines are of medium height, very stocky, the pods are of immense size, well filled with very large dark green peas. Pt 15c, qt 25c, peck \$1.00, bush \$4.00.

Telephone—This strong growing, sweet, wrinkled Pea is driving out of the local market the common kinds of early hard peas, owing to its strong growth, large, handsome, well-filled pods and very fine table quality. The vines often bear 18 to 20 pods per stalk, each containing 6 to 7 large peas; 4 feet high. Pt 15c, qt 25c, peck \$1, bush \$4.00.

Burpee's Profusion—Is of vigorous growth, attaining 3 feet in height and of a very branching character. The pods are usually produced in pairs, from 50 to 90 pods to the plant. The pods are well packed with large, luscious peas of very sweet and splendid quality. The plants are continuous bearers, extending over a period of several weeks. Pt or lb 20c, qt 35c, peck \$2.00.

Pride of the Market—It grows from 18 inches to 2 feet in height, and bears grand pods well filled from top to bottom with large and fine flavored peas. Its robust constitution, enormous yield and superior appearance ensure its acceptance as a favorite with the public. Per pt 15c, qt 25c, peck \$1.00, bush \$3.80.

Champion of England (4 feet)—Universally admitted one of the best peas grown; a delicious flavor and good bearer. Per lb or pt 10c, qt (about 2 lbs.) 15c, peck 80c, bush \$3.00.

Black-Eyed Marrowfat (3 feet)—Best for general crop, has large and well-filled pods; a popular market variety. Per lb or pt 10c, qt (about 2 lbs) 15c, peck 40c, bush market price.

Large White Marrowfat—Well known, prolific and of good flavor, 6 feet high. Per lb or pt 10c, qt (about 2 lbs) 15c, peck 40c, bush, market price.

Improved Stratagem Pea



Yorkshire Hero (2½ feet)—Very prolific, and of delicious flavor. Per lb or pt 10c, qt (about 2 lbs) 15c, peck 80c, bush \$3.00.

EDIBLE PODDED, OR SUGAR

Tall Scimitar Sugar—Pods are edible, very sweet, 7 to 8 inches long, grows 6 feet high, can be used in green state like string beans. Per lb or pt 25c, qt (2 lbs) 50c, peck \$2.50.

Dwarf Sugar—Pods edible, 2 feet high, can be used in green state like string beans. Per lb or pt 25c, qt (2 lbs) 50c, peck \$2.50.

Our Seed Peas are of the very best quality, riddled and hand picked.

THE THREE BEST PEAS For the HOME GARDEN

These can all be planted at the same time, and they will be ready for use in succession.

NOTT'S EXCELSIOR—Earliest and best Dwarf Pea.

HEROINE—Best second early Pea.

IMPROVED STRATAGEM—Best large podded late variety.

For further description see general list.

SPECIAL OFFER } Large packet each of the three Peas, postpaid, 20c.
Half-pound each of the three Peas, " 30c.
One " " 60c.

RHUBARB

or Pie Plant

German—*Rhubarber*
French—*Rhubarbe*.

One ounce will produce about 500 plants.

CULTURE—Sow in April in drills one inch deep and one foot apart; when the plants are three or four inches high, thin out to ten inches apart, and cultivate well during the season; in fall or following spring transplant into hills about three feet apart each

way. The soil must be very deep and heavily manured. Give a top dressing of manure every fall.

Johnston St. Martin—It is immediately productive, one of the earliest, and has a rich, spicy flavor very similar to the gooseberry when used for pies. Price, per pkt 5c, oz 25c, 2 oz 40c, ½ lb 75c, lb \$2.50.

Myatt's Linnaeus—One of the best for family use, thin skin, very early and productive. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$2.00.



Johnston St. Martin Rhubarb

Victoria—Similar to the preceding, but more acid and productive. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$2.00.

Large Roots of any of the above—Each 15c, 4 for 50c, per doz \$1.25, postpaid.

CASH DISCOUNTS ON ALL OUR PACKETS OF SEEDS.

CUSTOMERS SENDING \$1.00 MAY SELECT \$1.25

"	"	2.00	"	2 60
"	"	3.00	"	4.00
"	"	4.00	"	5.25

WORTH OF VEGETABLE and FLOWER SEEDS (in Packets).

SALSIFY or Vegetable Oyster

German—*Bocksbart*. French—*Salsifis*.
One ounce will sow 50 feet of drill.

CULTURE—The directions for sowing and cultivating Carrots, given on page 12, apply also to Salsify. From its resemblance in flavor to oysters it derives its name. Soak the seed before sowing in warm water for 12 hours.

Mammoth Sandwich Island

—This variety is of enormous size, twice that of the ordinary Long White; pure white, very tender and delicious; invaluable for the market gardener. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.50.

Long White—Pkt 5c, oz 10c, 2 oz 15c, ½ lb 25c, lb \$1.00.

New Golden—Extremely rich and tender, the roots having a slight yellowish tinge. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c.

SCORZONERA or Black Oyster Plant

One ounce will sow 50 ft. of drill.

CULTURE—Cultivated the same as Carrots or Salsify. The outer rind of the roots being scraped off, they are steeped in water to abstract a part of its bitter flavor. They are then boiled or stewed in the manner of carrots or parsnips. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$2.00.



Mammoth Sandwich Island Salsify

Radishes

Ger.—*Radieshen und Rettige.* French—*Radis.*
One Ounce Will Sow 100 Feet of Drill.



Long Scarlet Radish



Rosy Gem

OUR RADISH MIXTURE—This is a mixture of over 20 choice varieties of early, medium and later radishes. You will certainly have radishes all summer, and be surprised at the results. Large pkt 5c, oz 10c, 1 lb 75c.

WINTER VARIETIES

White Chinese (Celestial)—One of the largest in cultivation. The flesh is white and solid and the flavor excellent. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb \$1.00.

Californian Mammoth Long Black Spanish Winter—Very large and best for winter use. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 70c.

California Long White Spanish—Very large and best for winter, rather milder than the Long Black. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 70c.

Long China Rose—Winter very desirable, light rose color, flesh fine and piquant. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 70c.

Black Round Spanish Winter—Large, for use during winter, of firm texture. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 70c.

SPECIAL OFFER

1 pkt Scarlet Turnip Radish
1 pkt Scarlet Olive-Shaped Radish
1 pkt Rosy Gem Radish
1 pkt Victoria Improved Round Spinach } **FOR 15c.**

Early and Summer Varieties

TRIUMPH, NEW—For description see Novelties. Pkt 10c, 3 pkts 25c.

Early Scarlet Olive-Shaped White Tipped (*French Breakfast Radish*)—A variety of quick growth, mild and tender, and one of the best for forcing. Oval form, scarlet, tipped with white. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

Early Scarlet Olive-Shaped—A very early and handsome variety, of a lively rose color and oblong shape. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

Early White Olive-Shaped—Similar to scarlet, skin being white. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

Early Scarlet Turnip-Rooted—Small top, quick growth, mild and crisp, best for market. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

Early White Turnip-Rooted—Very early, flesh and skin white. Grown for mixing in with bunches of red radishes. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

Early Nine-Pin Shaped—Scarlet, for forcing, so called on account of its shape. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb \$1.00.

Early Scarlet White-Tipped Turnip-Rooted—A very pretty variety, excellent for market and fine for forcing. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

PEARL FORCING RADISH—The color is pearl white, and the texture very firm and solid. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb \$1.

Woods Early Frame—A long scarlet, excellent for forcing. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

Early Scarlet Globe—A most desirable turnip sort for hotbed forcing; very early, and in flavor mild, crisp, juicy and tender; top small and it will stand the heat well without becoming pithy. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 75c.

Early Non Plus Ultra—Unquestionably the earliest forcing radish, grows very rapidly and is fit for use within three weeks; the root is round and bright scarlet; the flesh tender and particularly delicate. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 75c.

Rosy Gem—Shape is perfectly globular, with rich deep scarlet top, blending into pure white at bottom, exceedingly tender, crisp and delicious; desirable for growing under glass. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

Long Salmon—A long light red variety, very desirable for gardens. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

Long White Naples—Excellent for table, flesh white, crisp and mild.



Radish, Scarlet Turnip, Rooted White Tipped



Early Scarlet Turnip-Rooted Radish

larger and broader than any other variety, round, thick and fleshy, dark green. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 30c.

Round Leaf or Summer—The main market sort, equally good for either fall or spring sowing. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 30c.

Long Standing—Except in the characteristic of standing a long time before running to seed, this variety in all other respects closely approaches the well-known Round Leaf. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 30c.

Prickly or Fall—Stands well in winter, but gives less bulk per acre than the Round Leaf. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 30c.

Bloomsdale Large Curly, Savoy Leaved—New and excellent, tender and fine flavored. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 30c.

Perennial (*Rumex Patientia*)—Sown in spring and fit for use in autumn; quite hardy. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 30c.

Large Mountain Orach, or French Spinach—Cultivated and used like Spinach. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$1.50.

New Zealand (*Tetragonia*) perennial—Fit for use the first year, must be slightly protected during winter. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$1.25.

SEA KALE

One ounce will produce about 300 plants.

Seeds—Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$3.00.

Roots of the above—Each 15c, 4 for 50c, doz \$1.50.



Large Leaved Giant Flanders



WHITE CHINESE RADISH

Improved Chatter Radish—The color at the top being crimson, running into pink about the middle, and from thence downwards it is a pure waxy white. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

Long Scarlet, or Early Short Top—A standard variety for market and private gardens. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

Our Seeds are the best

SQUASH

GER.—Speisekürbisse.

FR.—Courge.

One ounce will plant 50 hills.

CULTURE.—Prepare the hills the same way as directed for Cucumbers, on page 16; the bush varieties should, of course, be planted closer together than those with long vines.

SUMMER VARIETIES

Long White Bush Vegetable Marrow—A decided improvement on the old, trailing vegetable marrow; the fruit is larger, handsomer, more ribbed or fluted, and of strictly bush form. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Vegetable Marrow, English—Well-known variety, oblong, skin greenish yellow, flesh white, rich flavor. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb \$1.00.

Long Island White Bush Squash—A selection of the old white Bush Scollop, and a vast improvement, having less prominent ridges and being much deeper, so that a single squash would actually contain nearly twice as much weight as the old sort. In addition to this it is of finer quality and very prolific. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Perfect Gem—Excellent both for summer and winter use, wonderfully productive. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 75c.

Summer Crookneck—Early, productive and good quality, fruit orange yellow. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Bush Scollop—Yellow and white. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

New Mammoth Whale Squash

—This new squash from France, introduced by us, produces the most magnificent Mammoth Squashes we have ever seen. The squashes are often three feet long, of a dark, rich color, and sometimes weigh over one hundred pounds. Its greatest diameter is near the blossom end, and tapers from there to each end; this peculiar form, together with its immense size, doubtless suggested the name Mammoth Whale. It is very prolific; the vines are robust and hardy. The flesh is solid, of a beautiful orange-yellow color, and of excellent quality. It is a good winter keeper. Per pkt 10c, per oz 25c.



English Vegetable Marrow Squash

SPECIAL OFFER

- 1 pkt New Mammoth Whale Squash.
- 1 pkt English Vegetable Marrow.
- 1 pkt Hubbard Squash.

For 15 Cts.



One packet of each of the above, as illustrated, 20c, postpaid

WINTER VARIETIES

Marblehead—Flesh lighter in color than the Hubbard, while its combination of sweetness, dryness and delicious flavor is something really remarkable. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

The Faxon Squash—The flesh is a deep orange yellow, cavity small and seeds few; the special peculiarity, however, is that while uncooked it appears to have a shell like any squash, when cooked there is practically none, the shell or inedible part being only about as thick as a sheet of writing paper. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.25.

Delicata Squash—Color of this variety is orange yellow, splashed and striped with very dark green. The quality is splendid, being rich and dry. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.25.

Essex Hybrid—Rich flavored, fine grained and sweet, flesh very thick, rich colored and solid; very early. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Boston Marrow—Fine, large and sweet; it keeps well in winter and will boil dry as a potato. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Hubbard—Best variety for keeping through the winter, and one of the finest flavor. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Bay State—Extremely solid, heavy weight, fine and dry flesh, sweet flavor, beautiful golden yellow, very handsome; shell extremely hard and flinty, and excellent keeper. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 75c.

Pike's Peak, or Sibley—Skin smooth and thin and of a pale-green color, flesh thick, solid; vivid orange in color; very dry, of fine grain and delicate flavor. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Fordhook—The flesh is dry and sweet, of best quality. In a cool, dry room it keeps in perfect condition till late in June, when summer squashes are ready. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Large Mammoth Yellow Chili—Grows to an immense size, often weighing 200 lbs; excellent for all uses. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

TOBACCO

Seed is generally sown in hotbeds in March and April, though sometimes in cold frames or even the open ground. As soon as plants are from four to five inches high and all danger of frost is passed, they should be transferred to open ground in rows 4 feet apart and from 2 $\frac{1}{2}$ to 3 $\frac{1}{2}$ feet apart in the rows. After planting, the ground should be stirred with a one-horse cultivator about once in ten or twelve days, so as to keep the land thoroughly clean from weeds, and in a porous and mellow condition. Frequent cultivation will also induce more favorable conditions of moisture. This should be continued as long as the cultivator can be passed through the rows without injuring the plants. After this, as the roots of the plants will then almost fill the space between the rows, the ground should be kept clean by shallow hoeing.

Tobacco Culture—Full practical details from the propagation of the seed to the harvesting, curing and marketing of the crop, by fourteen experienced tobacco-growers. Price, 25c, postpaid.

Tobacco Leaf—Myrick & Killebrew, \$2.00.

Canelle—A fine flavored Canadian variety. Pkt 10c, oz 75c.

Small Red Canadian—Pkt 5c, oz 60c.

Connecticut Seed Leaf—Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Virginian Seed Leaf—Per pkt 5c, oz 40c, 2 oz 75c, $\frac{1}{4}$ lb \$1.25, lb \$3.50.

White Burley

Yellow Pryor

Blue Pryor

Yellow Oronoco

Climax

Havana (Vuelta de Abajo) Cuban Grown—Pkt 10c, oz 50c.

Per pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.50.



Tobacco

German—Liebesapfel.

TOMATO

French—Tomate.

One ounce will produce 1,000 plants.

CULTURE—Sow in a hotbed, about the first week in March, in drills about 5 inches apart and half an inch deep. About the middle of May, in this latitude, the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of 3 feet apart, in hills in which a good shovelful of rotted manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun a few days until the plants are established.

"Creekside Glory"—For description see novelties. Pkt 15c, 2 pkts 25c.

"IMPERIAL"—This Tomato is one of the earliest, smoothest and most productive sorts. The fruit is large, smooth and solid. It not only produces very early fruits, but it will hold out through the season until late in fall. It is also a splendid keeper. In color it is between the Dwarf Champion and Beauty. Gardeners should give this a trial, as it is undoubtedly one of the best early Tomatoes. Now we conscientiously believe that in offering the **Imperial** to the Canadian public we are giving them the opportunity of securing seed of the most perfect Tomato known to-day, embracing more good qualities than any other sort. Pkt 5c, per oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

"Honor Bright" Tomato—Different from all other Tomatoes. The longest keeper, hence a good shipper, fruits large, smooth, and of excellent quality. Fruit changes from light green to white, then to lemon and finally to a handsome red. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00.

FORDHOOK FIRST—A perfectly smooth, solid Tomato of first-class appearance, it is also *extremely early*, ready to market as soon as the rough fruits of the old types. We recommend Fordhook First as a good general purpose variety. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00, lb \$3.

Livingston's Aristocrat—This fine early variety in habit of growth and foliage resembles the "Dwarf Champion" very much and might be taken for that popular variety if it were not for the color of its beautiful, rich, glossy red fruit, so much preferred in many localities to the purple or rose-colored varieties. The size, solidity, productiveness, smoothness, flavor of its fruit, etc., are up to the present day standard of excellence. It is smooth and round, and its delicate tinted coat so glossy that it is entitled to the name "Aristocrat." Price—5c per pkt, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, lb \$2.50.

Table Queen—As large as the Mikado, but perfectly smooth and round; for slicing it is the Tomato *par excellence*, as it is wonderfully solid and contains comparatively few seeds. The color of the **Table Queen** is a rich shade of crimson, and of a most agreeable acid flavor. Per pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00, lb \$3.00.

Livingston's Royal Red—It is a first-class main crop variety for the shipper, marketer and private gardener, and no essential point is lacking. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, lb \$2.50.

Ignotum—A variety worthy of general cultivation. The fruit is very uniform in size and shape, rather flat and bright red in color. It is very prolific, and though not (as some claim) a first early variety, it is valuable in all other respects. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

Early Ruby or Atlantic Prize—The great value of this variety lies in the fact that it is by far the *earliest* of all the *large-sized* Tomatoes which combine *good form, rich crimson color and solidity*. Per pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, lb \$2.50.

The "Mikado"—The Mikado differs from all others in its immense size—the tomatoes are produced in immense clusters, and are perfectly solid. The color is purplish red. Whether for slicing or for cooking purposes the quality is most excellent. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, lb \$2.50.

Peach—Very distinct; fruit of uniform size, resembling a peach in shape, size, bloom and color, which is a deep orange rose. Pkt 5c, oz 30c, 2 oz 50c.

Dwarf Champion—Growth is dwarf, self-supporting when laden with fruit; very early; the fruit resembles the Acme, is smooth and symmetrical in form. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, lb \$2.50.

Ponderosa—Possesses every good quality in a tomato. Its massive or ponderous fruits are almost perfect in form and free from ridges. Per pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00, lb \$3.00.

Beauty—A very fine variety, very early, and derives its name from its beautiful shape, which is perfectly smooth; very productive. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$2.00.



New Imperial Tomato

Early Conqueror—An improved variety, of dwarf growth, very good bearer, fruit smooth and in clusters; ripening somewhat earlier than any other kind. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$2.00.

The Buckeye State—In solidity and meatiness it has no equal, while in luscious quality none can surpass it. The color is much the same as Beauty, but of a somewhat darker and richer shade. Per pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, lb \$2.50.

The Stone—Fruit very large, bright scarlet, very smooth, ripening evenly to the stem without a crack; exceedingly solid and firm fleshed. One of the best. Selected seed. Per pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, lb \$2.50.

OLDER STANDARD VARIETIES

Volunteer,	Mitchell's No. 1,	Perfection,	Canada Victor,
Optimus,	Early Acme,	Favorite,	Early Mayflower,
Trophy.	Each—	Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$2.00.	

YELLOW VARIETIES

Golden Queen, Large Smooth Yellow—Excellent flavor and sweet. Very productive. Per pkt 5c, oz 25c, 2 oz 35c, $\frac{1}{2}$ lb 75c, lb \$2.50.

Yellow Peach—Very distinct, fruit of medium size, resembling a peach in size, shape and bloom, color yellow. Per pkt 5c, oz 30c, 2 oz 50c.

PRESERVING VARIETIES

Yellow Cherry—Per pkt 5c, oz 40c. **Yellow Plum**—Per pkt 5c, oz 40c.

Small Red Cherry—Per pkt 5c, oz 40c.

Barbadoes Gooseberry, or Mexican Tomato—Fruit is round, and of a rich, orange yellow color, enclosed in a capsule. Pkt 5c, oz 50c, 2 oz 75c.

WINTER CHERRY, also called **Strawberry, or Ground Cherry** (*Physalis Alkekengi*)—For sowing and cultivating observe the directions given for Pepper on page 22. The fruit of the plant which is a berry enclosed in an inflated calyx, is eaten as a common fruit in some countries, and is particularly pleasant for tarts. Per pkt 10c, oz 60c.

"CRIMSON CUSHION" THE EARLIEST LARGE TOMATO

When the Ponderosa was introduced, the opinion was given that that famous variety was the forerunner of a new race of Tomatoes that would eventually displace the seedy, strongly acid sorts in general cultivation, and the advent of this splendid variety verifies this prediction. The **Crimson Cushion** is more symmetrical in shape than the Ponderosa, and is much thicker through from stem to "blossom end": in fact, so marked is this characteristic that it is frequently almost round. The color is brilliant scarlet crimson, untinged with purple, and ripens up almost completely to the stem. The **Crimson Cushion**, like the Ponderosa, is almost seedless, requiring from 10 to 12 bushels of ripe fruit to produce one pound of seed, whereas a pound of seed is realized from 3 bushels of ordinary Tomatoes. These figures tell better than any description the "seedless" character of this grand variety. The flesh is firm and "meaty," and of superb quality. It is enormously prolific and early for so large a Tomato. (See cut).

Price—10c per pkt, 3 pkts 25c, 50c per oz, \$1.75 per $\frac{1}{2}$ lb.

BOOKS

"Livingston and the Tomato." Practical Instructions to Growers. 176 pages. \$1.00.	"Tomato Culture in Canada." By S.H. Mitchell. Price 15c, postpaid.
--	--

SIMMERS' "TORONTO PARKS" Lawn Grass Seed.

The most beautiful Lawns in Canada have been made with it. It is the best Lawn Grass Seed for our Canadian climate. It is the purest, cleanest and heaviest Lawn Grass Seed ever offered on the market. With it a Lawn or Grass Plot may be had in 6 to 8 weeks ready for cutting.



Crimson Cushion Tomato—Pkt 10c, 3 pkts 25c.

One ounce will sow 150 feet of drill.
One pound will sow an acre.

TABLE TURNIPS

GERMAN—Weisze Rueben.
FRENCH—Navet.

For Field Turnips see "Farm Seeds," page 33.



CULTURE—For early use sow as soon as the ground can be worked in the spring, in drills 15 inches apart, and thin to 8 inches apart as soon as plants are large enough to handle. For succession sow at intervals of a fortnight until the last week of July, from which time until the end of August sowings may be made for main and late crops. The sowing should always be done just before rain if possible, as the success of the crop in a great measure depends upon quick germination and a rapid and free growth at first.

SIMMERS' EARLY MELTING SWED—An excellent distinct variety, peculiarly suited for garden culture on account of its flavor, fine form and rich golden yellow color. This variety is claimed by all market gardeners and private gardeners to be the finest grained, best keeping table Swede turnip in cultivation. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

Extra Early Milan—A strap-leaf variety, a week earlier than the ordinary early sorts. It retains its good qualities and remains a long time fit for use. The bulbs are white with a purple top, round flattened and solid, with a very slender tap root; flesh pure white, sweet and crisp. Per pkt 5c, oz 10c, 1 lb 15c, lb 60c.

White Stone, or Early Snowball—An early garden variety, clear white, medium size, delicate flavor and quick growth. Per pkt 5c, oz 10c, 1 lb 15c, lb 50c.

American Breadstone—This is a new and most desirable table turnip, the roots are of medium size, very quick growing and quite smooth, white, with faint colored top. The flesh is perfectly white, fine grained, and cooks in only fifteen minutes, tender and sweet, it is the finest turnip for winter and spring use we have ever seen. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

White Milan—Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 80c.

White Flat Dutch—An excellent variety, the best for spring sowing. Per pkt 5c, oz 10c, 1 lb 15c, lb 50c.

Early Golden Ball or Orange Jelly—A rapid grower, excellent flavor, globe shape. Per pkt 5c, oz 10c, 1 lb 15c, lb 50c.

Red Top, Strap-Leaved—Fine grained and of buttery flavor, the best for market gardens. Per pkt 5c, oz 10c, 1 lb 15c, lb 40c.

Early White Egg—An egg-shaped variety for spring or fall sowing, flesh white, firm, fine grained, mild and sweet. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

White Nimble Dick—One of the best for market and general use, fine flavor and very early. Per pkt 5c, oz 10c, 1 lb 15c, lb 50c.

Maltese—Early variety, fine flavor. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 75c.

Yellow Stone—Splendid for table use and late growing. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.



Red Top, Strap-Leaved Turnip

HERB SEEDS—(SWEET, POT AND MEDICINAL)

Anise—Per pkt 5c, oz 20c, 1 lb 35c, lb \$1.25.

Balm—Per pkt 5c, oz 25c, 1 lb 75c, lb \$2.50.

Basil Sweet—Per pkt 5c, oz 20c, 1 lb 75c, lb \$2.50.

Borage—Per pkt 5c, oz 25c, 1 lb 75c, lb \$2.50.

Caraway—Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 75c.

Catnip or Catmint—Per pkt 5c, oz 50c.

Coriander—Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 40c.

Dill—Pkt 5c, oz 15c, 1 lb 35c, lb \$1.25.

Fennel Sweet—Per pkt 5c, oz 15c, 1 lb 50c, lb 1.75.

Horehound—Per pkt 5c, oz 20c, 1 lb 75c, lb \$2.50.

Hop Seed—Per pkt 5c.

Hyssop—Perennial, 2 feet high. A useful herb. Per pkt 5c, oz 25c, 1 lb 75c, lb \$2.50.

Lavender—An aromatic, medicinal herb. Pkt 5c, oz 15c, 1 lb 50c, lb \$2.00.

Lemon or Winter Thyme—Perennial, 6 inches. Per pkt 10c, oz \$1.00.

Lovage—Perennial, 5 feet. Per pkt 5c, oz 20c, 1 lb 75c, lb \$2.50.

Mint—Perennial, 1 foot high. Per pkt 10c, 1 oz \$3.

Marjoram Sweet—Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 50c, lb \$2.00.

Penroyal—Per pkt 10c.

Peppermint—Per pkt 10c.

Rosemary—Per pkt 5c, oz 35c, 1 lb \$1.25.

Rue—Per pkt 5c, oz 20c, 1 lb 75c, lb \$2.00.

Rampion—Perennial, 6 in. Per pkt 5c, oz 30c.

Sage—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

Sage, Broad-Leaved—Perennial, 1 foot. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.00.

Sorrel—Perennial, 6 inches. Per pkt 5c.

Summer Savory—Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c, lb 75c.

Tansy—For medicinal use. Per pkt 5c, oz 35c.

Tarragon—Per pkt 10c.

Thyme—Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 35c, lb \$1.40.

Winter Savory—Pkt 5c, oz 20c.

Wormwood—Used medicinally and is beneficial for poultry. Per pkt 5c, oz 25c.

Mammoth Sage Plants.

The plants are very strong growing, the first season attaining 1 foot in height and spreading so that a single plant covers the space of 3 feet, the leaves are borne well above the soil, keeping them clean; they are very large and of unusual substance, strong in flavor and of superior quality. A single plant yields more than a dozen plants of the common sage; perfectly hardy, it rarely flowers and never runs to seed. Price, each 10c, 3 for 25c, 7 for 50c, postpaid.

MISCELLANEOUS SEEDS

MAMMOTH RUSSIAN SUNFLOWER

Single heads measure 12 to 22 inches in diameter, and contain an immense quantity of seed, an excellent and cheap food for fowls. They eat it greedily, fatten well on it, better than on almost any other food. It can be raised cheaper than corn. Every farmer should plant some of the seed in any waste piece of ground. The stalks and seeds heads when dry make a good hot fire. Four quarts seed will plant an acre. Oz 5c, 1 lb 10c, lb 20c, postpaid. By express—10 lbs \$1, 25 lbs \$2.



Mammoth Russian Sunflower

Early Amber Sugar Cane

The earliest and most productive variety. Height 10 to 12 ft. Its saccharine matter is of first quality, fine and rich. Sow 4 quarts in drills, and 8 quarts broadcast to the acre. 1 lb 15c, 5 lbs 60c, postpaid, 10 lbs \$1.

IMPROVED EVERGREEN BROOM CORN

The stalks may be fed to cattle in a green state. Lb 20c, 3 lbs 50c, postpaid.

GERMAN CAMOMILE FLOWERS

Per oz 10c, lb \$1.00.

WILD RICE SEED

DIRECTIONS FOR SOWING—Put the rice in coarse cotton or linen bags, and sink them in water for 24 hours. Sow in water which is from 6 inches

to 5 feet deep, in soft mud bottom, and in places where there are but few weeds. It is useless sowing these seeds except on a mud bottom, or on low marshy places which are covered with water the year round. In running water sow as much out of the current as possible.

Wild Rice (Zizania Aquatica)—Per lb 80c, by mail 85c; 10 lbs or over 25c per lb.

BIRD SEEDS AND REQUISITES

If by Mail add 4 cents per pound.

Per lb.	
Canary Seed (3 lbs 25c).....	\$0.10
Hemp Seed, Russian (3 lbs 25c).....	10
Mixed Bird Seed (3 lbs pkts 25c).....	10
(in 1 lb pkts).....	10
Millet Seed, Chinese.....	5
Sunflower Seed (3 lbs 25c).....	10
Cuttlefish Bone (per oz 10c).....	50
Rape Seed, German (3 lbs 25c).....	10
Maw or Poppy Seed, 1 lb postpaid.....	\$0.25
Lettuce Seed.....	10
Silver Washed Bird Gravel (3 lbs 10c) by mail.....	25
Mocking Bird Food, 1 lb pkt postp.....	30
Peter's Treat Song Restorer, pkt.....	10
Bird Lice Destroyer and Bellows.....	30
Simmers' Canary Powder, bottle.....	25

Meal Worms for insect-eating birds, per 100 30c, 1,000 \$2.50, postage paid.

Bird Seeds of all kinds, recleaned and free from dust and dirt, always on hand by the 100 lbs., at lowest market prices, and of the finest quality.

"American Bird Fancier" a very useful and instructive work on the care of birds, price 50c. Cottam's New Illustrated Book on "Cage Birds," 25c, postpaid.

SIMMERS' BIRD CAKE

A delicious Treat and Song Restorative Food for Canary Birds. This food is prepared with the greatest care, the most delicate and nutritious preparation ever discovered for the longevity of Pet Birds. Our experience in handling restoratives for song birds enables us to recommend this Tonic in the form of food to prolong the life of birds confined in cages. It is not a regular food, but should be kept in the cage constantly, being a superior substitute for gravel and cuttlefish bone. It gives the songster a strong and clear voice, improves the plumage, and will keep birds, although very old, always in health by producing the desired effect on the digestive organs. Give to young, as well as to old birds. Per cake 5c, 6 for 20c, per doz 85c.

Prepared only by J. A. SIMMERS, Sole Manufacturer, Toronto.



SIMMERS' VEGETABLE PLANTS

WELL GROWN THOROUGHLY HARDENED
WELL PACKED TRUE TO NAME

BY MAIL OR EXPRESS—PRICES ARE SUBJECT TO CHANGE

The fact that these plants are all grown from choicest stocks of seeds, by an experienced market gardener, is sufficient recommendation as to the genuineness of the varieties. They can be shipped fresh and well packed at a day's notice. This is of the greatest importance to every planter. When Plants are to be sent by Mail ADD POSTAGE at the Rate of 25 cents per 100 to prices of Cabbage, Celery and Cauliflower, and 40 cents per 100 to prices of Tomatoes

	PER 50	PER 100		PER 50	PER 100
Cabbage, Early —Ready April 20th to 30th.			Cauliflower —Ready April 20th to 30th.		
Early Jersey Wakefield.....	\$0 30	\$0 50	Early Dwarf Erfurt.....	\$0 40	\$0 75
Simmers' German Brunswick.....	30	50	Early Snowball.....	40	75
Henderson's Early Summer.....	30	50	Cauliflower —Ready May 20th to 30th.		
Cabbage, Late —Ready June 1st.			Early Snowball.....	30	50
Simmers' German Brunswick.....	20	30	Dwarf Erfurt.....	30	50
Surehead.....	20	30	Pepper —		
Savoy Drumhead.....	20	30	1000 price on application. PER DOZ.		
Red Drumhead.....	20	30	Long Red.....	\$0 15	50 90
Celery —Ready June 1st.			Tomato —Ready May 15th to 30th.		
White Plume.....	40	75	Ignotum.....	15	50 90
Paris Golden Yellow.....	40	75	Mikado.....	15	50 90
Celery —Ready June 20th.			Dwarf Champion.....	15	50 90
Paris Golden Yellow.....	40	75	Table Queen.....	15	50 90
White Plume.....	40	75	Sweet Potato Plants —		
Simmers' Large Ribbed White.....	40	75	Extra Early Carolina and Early Nansemond.....	30	75 1 25

WE SHALL BE PLEASED TO MAKE SPECIAL PRICES ON LARGE QUANTITIES

TREE SEEDS

DECIDUOUS and EVERGREEN, ORNAMENTAL SHADE, FOREST, HEDGE AND FRUIT

"Trees can be as easily grown from seed as the most common Vegetable."—Fuller.

CULTURE—Sow early in spring, in well prepared beds, about two inches deep; when the seeds begin to germinate cover the bed lightly with pine boughs to shade the young plants from the sun. When the plants are all up, the brush should be gradually removed, but replaced again before winter sets in. Let the plants remain in the beds for about two years, then transplant into rows two feet apart, leaving about twelve inches between each plant. Keep the ground clean, and when the plants are strong enough remove them to where they are intended to remain.

- Apple Pips**—Per oz 5c, ½ lb 15c, lb 50c.
- Arbor Vitae, American** (*Thuja Occidentalis*)—A small tree about 30 feet high; popular for hedges, screens, etc. Per pkt 10c, oz 30c, lb \$2.75.
- Barberry** (*Berberis Vulgaris*)—One of the best hedge plants grown. It is very hardy, and forms a dense shrub of 4 to 8 feet high, covered with sharp, stout prickles. Per pkt 5c, oz 20c, ½ lb 50c, lb \$1.50.
- Beech** (*Fagus Ferruginea*)—A noble forest and shade tree of graceful habit. Wood hard and excellent for many mechanical purposes. Pkt 10c, oz 15c, lb \$1.00.
- Black Thorn** (*Prunus Spinosa*)—Pkt 5c, oz 10c, lb \$1.00.
- Black Walnut** (*Juglans Nigra*)—Grows rapidly in good rich soil. The nuts should be planted in the fall. Per lb 10c, postpaid 15c, peck 75c, bush \$2.00.
- Catalpa, Hardy Western** (*Catalpa Speciosa*)—A handsome shade and ornamental tree of tropical appearance. Foliage large and luxuriant. Flowers borne in large panicles late in the spring. In favorable locations it attains a height of 60 feet or more; it is a very rapid grower, is very hardy and has been tested up to 40 degrees north latitude. Wood very durable. Valuable tree. Per oz 10c, ½ lb 30c, lb \$1.00.
- Honey Locust** (*Gleditsia*)—A well-known tree of ornamental and graceful appearance, extensively used for hedges. Per pkt 5c, oz 10c, lb 50c.
- Maple, Sugar** (*Acer Saccharinum*)—A beautiful, as well as a valuable, rapid growing tree, preferring a calcareous soil. Per pkt 5c, oz 10c, lb \$1.25.
- Mountain Ash** (*Pyrus Americana*)—Much cultivated for ornament, for which its fine foliage, clusters of white flowers and red berries eminently qualify it. Per pkt 5c, oz 10c, lb \$1.00.

- Norway Spruce** (*Abies Excelsa*)—A very popular hedge evergreen, extensively used for sheltering and for screens. Per pkt 5c, oz 10c, lb \$1.00.
- Osage Orange** (*Maclura Aurantiaca*)—A well-known hedge plant; native of the Southern States. Per pkt 5c, oz 10c, lb 80c.
- Pear Seed**—Per pkt 10c, oz 20c, lb \$2.00.
- Pine, Austrian** (*Pinus Austriaca*)—One of the most popular pines, being very hardy and ornamental. Grows very rapidly and to a great height. Per pkt 5c, oz 20c, ½ lb 60c, lb \$2.00.
- Pine, Scotch** (*Pinus Sylvestris*)—One of the most rapidly growing species of pines, very suitable for screens for the protection of orchards or buildings. Per pkt 5c, oz 15c, ½ lb 50c, lb \$1.50.
- Pine, Sugar** (*Pinus Lambertiana*)—This magnificent tree grows to the height of 300 feet, and endures the cold of the Northwest without injury. Per pkt 10c, oz 50c, lb \$5.00.
- Quince** (*Cydonia Vulgaris*)—Small irregular trees, bearing an excellent fruit for preserves and jellies. Per pkt 5c, oz 20c, lb \$2.00.
- Russian Mulberry**—A variety of Mulberry brought by the Mennonites from Russia, and as it grows to the height of 30 feet in a few years, and stands the cold of the Northwest, will no doubt become a standard for that country. Per pkt 10c, oz 35c, ½ lb 75c, lb \$2.50.

COLLECTION OF TREE SEEDS FOR 25 CENTS

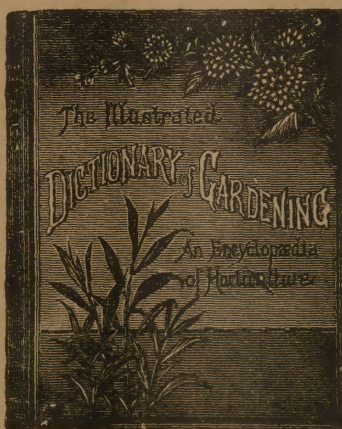
One packet each of Black Thorn, Honey Locust, Sugar Maple, Mountain Ash, Norway Spruce, Austrian Pine, Russian Mulberry. 7 pkts for 25c, by mail, postpaid.

BOOKS

AGRICULTURAL and HORTICULTURAL

All Books Sent Postpaid on Receipt of Price

- Apple Culture, Field Notes on, Bailey..... \$0 75
- Art of Propagation. Treats of trees and plants..... 40
- Allan's New American Farm Book..... 2 50
- American Bird Fancier..... 50
- Asparagus Culture..... 50
- Bailey's Field Notes on Apple Culture..... 75
- Barry's Fruit Garden, new edition..... 2 00
- Bee Keeping Explained, Quinby..... 1 00
- Bulbs and Tuberous-rooted Plants, C. L. Allen..... 2 00
- Cabbage, Treatise on, by J. H. Gregory..... 30
- Canadian Bee Journal, per annum..... 1 00
- Cauliflowers, and How to Grow Them, Brill..... 20
- Cranberries, James Webb, paper..... 40
- Celery for Profit, Greiner..... 20
- Cottam's Illustrated Book on Cage Birds..... 25
- Crops, Spraying, C. M. Weed..... 25
- Dairymen's Manual. Practical Treatise on the Dairy..... 2 00
- Diseases of Swine, D. McInosh..... 2 00
- Draining, Land, M. Miles..... 1 00
- Egg Farm, revised and enlarged, Stoddard..... 50
- Farm Echoes, Starr..... 50
- Farming Conveniences, 200 engravings..... 1 50
- Feeds and Feeding, W. A. Henry..... 2 00
- Fern Book for Everybody..... 75
- Fertility of the Land, The, Roberts, I. P..... \$1 25
- Flax Culture..... 30
- Flower Bulbs and Their Culture, published by J. A. Simmers..... 25
- Flower Garden, Beautiful, Matthews..... 50
- Fruit Culturist, American, Thomas..... 2 50
- Fuller's Grape Culturist..... 1 50
- Fuller's Small Fruit Culturist..... 1 50
- Fungi and Fungicides, C. M. Weed, paper..... 50
- Gardening for Pleasure, new, revised and enlarged edition..... 2 00
- Gardening for Profit, new, revised and enlarged edition..... 2 00
- Gardening for Young and Old, by J. Harris..... 1 25
- Grape Growing and Wine Making, Husman..... 1 50
- Greenhouse Construction, Prof. L. R. Taft..... 1 50
- Greenhouse Management, by Prof. L. R. Taft..... 1 50
- Handbook on the Grasses of North America. Treats on the origin and nature of every known variety of grass, and the best varieties to select for seeding down grass lands for pasture..... 2 50
- Harris' Talks on Manures..... 1 75
- Heinrich's Window Flower Garden..... 75
- Henderson's New Handbook of Plants. Contains about 1000 illustrations..... 4 00



- Horticulturist's Rule Book, Prof. L. H. Bailey..... \$0 75
- How Crops Feed, Prof. S. W. Johnson..... 2 00
- How Crops Grow, Prof. S. W. Johnson..... 2 00
- How the Farm Pays, by Peter Henderson. Profusely illustrated; 400 pages..... 2 50
- Injurious Insects of the Farm and Garden..... 2 00
- Insects and Insecticides, C. M. Weed..... 1 50
- Insects Injurious to Fruits, Saunders..... 2 00
- Mangolds, Treatise on, by J. H. Gregory..... 30
- Manures, How to Make and How to Use Them, F. W. Semper, paper..... 40
- Money in the Garden, by P. T. Quinn. A practical work, illustrated..... 1 50
- Mushroom Culture, published by J. A. Simmers..... 10
- Mushroom Culture, by Robinson..... 50
- Mushrooms, How to Grow Them, by Falconer..... 1 50
- Nursery Book, Prof. Bailey. Cloth..... 1 00
- Nut Culturist, The, A. S. Fuller..... 1 50
- Onions, and How to Raise Them Profitably..... 20
- Onion Culture, New Method, by T. Greiner..... 50
- Ornamental Gardening, Long..... 2 00
- Our Farm of Four Acres and the Money we made by it
- Parson's on the Rose, new and revised edition..... 1 00
- Peach Culture, Fulton..... 1 50
- Pear Culture for Profit..... 1 00
- Practical Floriculture, Henderson..... 1 50
- Practical Forestry, by A. S. Fuller, cloth, illustrated..... 1 50
- Profits in Poultry, and Their Profitable Management..... 1 00
- Propagation of Plants..... 1 50
- Pruning Book, The, L. H. Bailey..... 1 50
- Roe's Play and Profit in My Garden..... 1 50
- Shepherd's Manual, enlarged edition, Henry Stewart..... 1 50
- Silos, Ensilage and Silage, Miles..... 50
- Spraying of Plants, The, E. G. Lodeman..... 1 00
- Strawberry Culturist, illustrated..... 25
- Swine Husbandry, revised edition, F. D. Coburn..... 1 75
- The Illustrated Dictionary of Gardening, Nicholson's. A complete Encyclopedia of Horticulture, in 4 volumes, carriage extra..... 20 00
- The "A B C" of Agriculture..... 50
- Vegetable and Flower Garden, published by J. A. Simmers..... 15
- Wallace's Notes on Lillies. An interesting and valuable book on the Lily, indispensable to bulb growers, illustrated, cloth, 215 pages..... 2 50
- Your Plants. Plain and practical directions for the treatment of tender and hardy plants in the house and garden..... 40

Farm Seeds.

We hold a very large and carefully selected stock of Agricultural Seeds of the most reliable quality and unequalled in Canada.

CONDITIONS OF SALE—It is impossible for us to guarantee the crop in any way, as there are so many causes over which we can have no control that operate against the growth and productiveness of the seeds. We spare no expense and trouble in this matter, but all seeds bought from us must be on the condition that we give no warranty, expressed or implied, as to description, quality, growth, productiveness or any other matter, of any seeds we sell; nor will we hold ourselves in any way responsible for the crop.

Add 4c. per pound postage to all varieties of **Field Carrot, Beet, Mangel and Turnips.**

FIELD CARROTS

SIMMERS' IMPROVED GIANT SHORT WHITE

We always claimed this carrot to be the equal, if not the superior, of every white

field carrot, and it has certainly fully proved all we ever said about it. It is of good shape, very broad at the shoulder, tapering to a point; its surface is very smooth, with few or no roots growing on the sides. In texture it is very fine, and in color pure white, with an excellent flavor. These are the individual points of the carrot. In addition it is a very **heavy cropper**, in fact it is by far the **heaviest** of any we have ever heard of, and on account of its shape and of its smooth skin it is **easily harvested**. The above is a true description of the carrot we offer as our **Improved Giant Short White**, and for its own qualities it should be grown by everyone who wants a white field carrot. It is especially suitable for shallow soil. In shape it very much resembles the Oxheart, except that the roots grow more to a point. When other varieties require digging, our **Improved Giant Short White can be pulled**. Try it for yourself, and you will not be disappointed. Oz 10c, $\frac{1}{4}$ lb 15c, lb 40c.

Large White Belgian—This attains the largest size, and will yield more in bulk than any other sort grown. The root is thick and long, growing from $\frac{1}{4}$ to $\frac{1}{2}$ of its length above the surface. Oz 10c, $\frac{1}{4}$ lb 15c, lb 35c.

Yellow or Orange Belgian—Color pale orange. A good keeper. Oz 10c, $\frac{1}{4}$ lb 15c, lb 35c.

Improved Long Orange or Surrey—A standard late variety, handsome and uniform in shape, deep orange color, good flavor, yields heavily. Oz 10c, $\frac{1}{4}$ lb 15c, lb 40c.

Altringham—A long red variety profitably grown for field or general crop. Oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Scarlet Intermediate—Stump-rooted, valuable variety for shallow soils. Oz 10c, $\frac{1}{4}$ lb 20c, lb 60c.

SUGAR BEETS

Sow from the middle of April to the first of June, in drills two feet apart, then thin to nine inches to the row. Six pounds of seed per acre, average yield 20 to 25 tons per acre. For milch cattle they are most valuable.

NOTE—The Danish Improved Sugar Beet we offer is the genuine variety, and the stock of it is not controlled by any one seed house, as some catalogues claim.



Danish Improved Sugar Beet

Danish Improved Sugar Beet—This variety is distinguished by its great productiveness; in rich, deep soil in good cultivation nearly approaching the standard varieties of Mangel Wurzel in yield of bulk (they standing closer than the Mangels), in connection with a high percentage of sugar. For fattening purposes, and for feeding to milch cows, in cases where a liberal flow of rich, creamy milk is the main object (for butter production), this variety is, where the proper soil is at disposal, especially to be recommended. It is one of the cleanest and best beets for cattle feeding that we have. **Price**—Per pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, lb 50c, 5 lbs \$2.25, 10 lbs \$4.00.

Improved Imperial Sugar Beet—The most popular Sugar Beet for feeding cows, sheep or swine. Yields as much as most Mangels, and contains 8 per cent. of sugar. Has yielded 30 to 40 tons per acre at a cost of 5 cents per bushel. $\frac{1}{4}$ lb 10c, lb 25c, 10 lbs 20c per lb.

Wanzleben—In Europe this kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. Easy to dig, is a heavy yielder, and contains from 12 to 15 per cent. of sugar. Oz 5c, $\frac{1}{4}$ lb 15c, lb 40c.

Red Top Sugar—An excellent variety, growing to a very large size. $\frac{1}{4}$ lb 10c, lb 25c, 10 lbs 20c per lb.

White Silesian—The root is slender, being about 3 to 4 inches in diameter at the shoulder, and tapers gradually to a point. Yields nearly 20 tons per acre, containing 8 per cent. of sugar. $\frac{1}{4}$ lb 10c, lb 25c, 10 lbs 20c per lb.

SUGAR BEET—Culture of, by Herbert Myrick. Price 50 Cents.



Simmers' Improved Giant Short White Carrot

SPECIAL OFFER

SIMMERS' IMPROVED GIANT SHORT WHITE CARROT and DANISH IMPROVED SUGAR BEET

1	oz.	each of the two varieties,	15c.	Postpaid.
1-4	lb.	"	25c.	"
1	lb.	"	90c.	"



MANGEL WURZEL

If by post add 4c per pound

Simmers' Improved Mammoth Prize Long Red—The heaviest long Mangel. This mammoth variety grows to an immense size, single roots weighing from 20 to 30 lbs each, and always of very fine texture and good quality. It is remarkable for the broad shoulder and massive shape of the root, by which a great weight is obtained, without coarseness. Henry Hodgson, a customer of ours, raised on one acre 55,750 lbs of roots from seed purchased from us. Per $\frac{1}{4}$ lb 10c, lb 20c, for 5 lbs and over, per lb 15c.

Long Red—The old popular variety, yielding heavy crops. Per $\frac{1}{4}$ lb 10c, lb 20c, for 5 lbs and over, per lb 15c.

Champion Yellow Globe—This is one of the most generally grown of all the different varieties of Mangels, as it is very productive, easily pulled and an excellent keeper when stored in heaps for winter use. It is spherical in shape and an orange-yellow color, the portion growing above the surface is tinged with green. The flesh of the root is yellow, firm and sugary. Per $\frac{1}{4}$ lb 10c, lb 20c, for 5 lbs and over, per lb 15c.

Golden Flesh Tankard—The special features are the rich, deep yellow color of the flesh, and its nutritious and milk-producing qualities. In England where it is considered indispensable, large dairy farmers state that they are not only able to obtain a higher price per gallon for milk from cows fed on this Mangel, but also that the cows are in a much better condition fed on hay and Golden Tankard Mangel alone than if fed on hay, Yellow Globe Mangel and four pounds of linseed cake per day. Per $\frac{1}{4}$ lb 10c, lb 20c, for 5 lbs and over, per lb 15c.

Ontario Agricultural College Report

Says that in the average test for six years of 58 varieties of MANGEL, **Simmers' Improved Mammoth Long Red** stands second against all competitors for yield per acre.

Mammoth Red Intermediate, or Red Oval-Shaped Giant—Very large and solid, fine grained variety, suitable for heavy ground, keeping as well as turnips during winter. Per $\frac{1}{4}$ lb 10c, lb 20c, 5 lbs and over, per lb 15c.

Red Flesh Tankard—A very large and heavy cropper, with small top and single tap-root, very solid and nutritious. Per $\frac{1}{4}$ lb 10c, lb 20c, for 5 lbs and over, per lb 15c.

Long Yellow—Similar in growth to Long Red, and considered by some growers sweeter in flavor and therefore preferred by cattle. Per $\frac{1}{4}$ lb 10c, lb 20c, for 5 lbs and over, per lb 15c.

Mammoth Yellow Intermediate, or Mammoth Golden Giant—This entirely distinct Mangel, first introduced by us, is considerably larger than the Yellow Globe Mangel, and is a beautiful russet-yellow color. As shown in the illustration, it is remarkably even in shape, rather elongated and of vigorous growth; it has a fine neck, large leaves with green stems and a very smooth, fine skin. The flesh is white, firm and sweet, greatly relished by cattle. Per $\frac{1}{4}$ lb 10c, lb 20c, for 5 lbs and over, per lb 15c.

CHICORY

Chicory Seed should be sown in the spring in drills half an inch deep, and in good mellow soil; the after culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The principal use of Chicory, however, is to use with Coffee. One ounce of seed will sow about 100 feet of drill, and from two to three pounds an acre.

Large Rooted Long Madgeburg—Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 60c.

SPECIAL OFFER OF FIELD ROOTS

Simmers' Improved Giant Short White Carrot
Simmers' Improved Mammoth Prize Long Red Mangel
Simmers' Improved Selected Champion Purple Top Swede Turnip

1 oz each of the above three varieties.....15c, postpaid.
 $\frac{1}{4}$ lb30c,
 1 lb Mangel, 1 lb Turnip, $\frac{1}{4}$ lb Carrot, also 1 oz pkt of Danish Improved Sugar Beet.....60c. "

On any order for Carrot, Mangel Wurzel or Turnip Seed amounting to \$1.00, we will, if requested, include a copy of "Dairying for Profit," by Mrs. E. M. Jones; a very concise and useful work of 69 pages.

"HOW TO GROW MANGEL WURZEL," by J. H. GREGORY, Price 35 Cents.

TURNIPS

Grown from Selected Roots.

The following are the most popular standard English and other varieties, having for years given the greatest satisfaction to our numerous customers, being procured from the most reliable growers. The **Swedes** are sown from May until the middle of July; the **Aberdeens** and **Globes** from July to the latter part of August. If sown broadcast, from 1 to 2 pounds are required to the acre; and if sown in drills, from 2 to 4 pounds are required to the acre.

To the price of Turnip seed, when ordered by mail add 4c. per pound for postage, and the seed will be sent at the prices quoted. Special prices on club orders, farmers' orders, or large orders for any variety of our Turnip seeds.

SIMMERS' CHAMPION

PURPLE TOP SWEDE

This magnificent Swede, the result of judicious selection, is the hardiest, most productive and most nutritious variety in cultivation. It is a large purple-top yellow variety; lightly oblong, with single tap-root, free from coarseness of neck, and for uniformity of crop and keeping qualities is superior to all other Swedes. It produces a very heavy weight per acre, keeps sound and good until late in spring; flesh always rich and sweet in flavor. Per $\frac{1}{4}$ lb 10c, lb 20c, in 5 lb lots and over, 18c per lb.

Elephant or Monarch—The reports received during past years from all sections of Canada pronounce this Turnip to be unequalled in size, quality and uniformly handsome appearance. The yield compared with other well-known roots, have been from 2 to 6 tons per acre. In shape it is very distinct, being of the Tankard type. The crown of the bulb is a beautiful bright purple and the lower half deep yellow; the flesh is very solid and nutritious and there is an almost total absence of fibrous or fangy roots. During past seasons this variety has proven most satisfactory, so much so that we have every confidence in recommending Elephant or Modern Swede to the farmers of the Dominion. Per $\frac{1}{4}$ lb 10c, lb 20c, 5 lbs or over 15c per lb.

Whcroft's Improved Purple Top—Of fine grain, solid and suitable for sandy ground as well as for heavy clay. Per $\frac{1}{4}$ lb 10c, lb 20c, 5 lbs or over 15c per pound.

Bangholm Improved Purple Top—Large and solid, should be sown on rather heavy loam. Per $\frac{1}{4}$ lb 10c, lb 20c, 5 lbs or over 15c.

Darter's Imperial

5 lbs
On properly prepared ground never
Per
failing to produce $\frac{1}{4}$ lb lb lb
a heavy crop of well-
shaped, solid roots. 10c 20c 15c

Drummond's Purple Top Swede

A selected Scotch variety of great excellence, globular in shape, large solid of finest quality. 10 20 15

East Lothian Purple Top

A favorite variety, solid and not liable to run to necks. 10 20 15

Fettercairn Green Top

One of the oldest and most extraordinary heavy yielding varieties on rich loamy ground. 10 25 20

HIGHLAND PRIZE

A very heavy cropping Swede and an excellent keeper, the roots being of handsome oval shape, uniform size. 10 20 15

Hazard's Green Top—Distinct variety; the flesh is firm and white, its hardy keeping qualities are superior to most sorts, and adapted to either field or garden cultivation. 10c 20c 18c



Elephant or Monarch Swede



Simmers' Champion Purple Top Swede

SWEDES—Continued

Hartley's Bronze-Top—Oval-shaped bulbs, large and solid, small neck and single tap-root, rich in quality, productive and a good keeper. 10c 20c 15c

Hall's Westbury—A very fine quality of Swede, good keeper. 10 20 15

Knowfield Purple Top—A large solid variety, of oblong shape and suitable for clay ground. 10 20 15

King of the Swedes—Very much like the preceding variety, but somewhat more uniform in size. 10 25 20

Laing's Improved Purple Top—A globe-shaped variety, with small top and tap root, suitable for sandy ground. 10 25 20

Marshall's Purple Top—Large and very hardy, globe-shaped. 10 20 15

Royal Norfolk Purple Top—A favorite variety with Norfolk growers, being a heavy cropper, very nutritious and a good keeper, one of the best. 10 20 18

Sutton's Champion Purple Top—One of the heaviest yielding varieties and a general favorite. 10 20 15

Skirving's Improved Purple Top—Large, of solid, strong and quick growth, suitable for clay soil. 10 20 15

Sharpe's Improved Purple Top—A very heavy cropper, with small top, thin neck. 10 20 15

Scottish Champion—Fine large roots, good for heavy soils. 10 25 20

Shamrock Purple Top—Producing on well-prepared ground the heaviest and most uniform crop of well-shaped roots. 10 20 15

White Giant Purple Top—A quite distinct sort, of enormous size, preferred by many growers to the yellow varieties. 10 25 20

Yellow and White Varieties

Aberdeen Purple Top Yellow—For sowing after the Swedes. 10 25 20

Aberdeen Green Top Yellow—With green tops. 10 25 20

White Globe—For sowing after the Aberdeen, late as Aug. 10 20 15

Cow Horn—Long white in shape resembling a cow horn. 15 30 20

Red Globe Norfolk—Medium sized; should be fed early. 10 20 15

Improved Purple Top Mammoth—A variety producing a greater weight per acre than any other turnip, fine shape, excellent for early feeding, keeps well in winter if sown late. 10 20 15

Greystone—A white variety, sown as late as the preceding. 10 20 15



Greystone Turnip

BARLEY

SUCCESS BEARDLESS

The earliest Barley known. The straw is about the height of the common Barley, but better, and will stand up on any land; with good land and season has produced 80 bushels per acre, the straw can hold it up. Sow as early as you can; frost does not hurt it. This barley has remained on land from harvest until spring and grew the next season. It will, if sown early, head two or three days later than winter rye, and ripen four or five days before the rye, and being beardless, handles as easy as oats and makes a stronger food.

Price [postpaid]—Lb 15c, 4 lbs 50c. By express or freight—peck 40c, bush \$1.00, 2 bush \$1.90, 5 bush at 90c bush.

Mandscheuri—Ontario Agricultural College report says:—"Among 37 varieties of Barley grown for the past five years, Mandscheuri stands at the head of the list for yield." Also the Farm Superintendent's report:—"The Mandscheuri is so much more productive than any other variety that we sowed no other this season. It was sown April 23rd, and harvested July 24th to 26th, and although it is not yet threshed, we estimate the yield this year at about 45 bushels per acre." The Mandscheuri Barley gave the largest average. Bushel 75c.

Baxter's Selected Six-Rowed—Lb 10c, postpaid; peck 25c, 4 bush 45c, bush 80c.

Canadian Six-Rowed—Our stock is carefully selected. Per bush 75c, 10 bush or over at 70c.



Success Beardless Barley

Chevalier Two-Rowed—Grown from imported seed. Per bush 90c, 2 bush at 85c.

Chevalier Two-Rowed (Imported)—Per bush \$1.75, 2 bush at \$1.60.

Duckbill Two-Rowed—Per bush 90c, 2 bush at 85c, 10 bush or over at 80c.

Hulless, Black—Per lb (postpaid) 15c, 5 lbs (postpaid) 50c, peck 35c, 4 bush 60c, bush (60 lbs) \$1.00, 2 bush or over 95c.

Hulless, White—Per lb (postpaid) 20c, 3 lbs (postpaid) 50c, peck 60c, 4 bush \$1.10, bush \$2.00, 2 bush or over \$1.90.

BUCKWHEAT

Japanese—Per lb 15c, 5 lbs 50c (postpaid), peck 30c, bush 90c.

Silver Hull—Per lb (postpaid) 15c, 5 lbs by mail 50c, peck 30c, bush 90c.

Common Gray—Per bush 80c, 2 bush at 75c.

BEANS

ENGLISH HORSE BEANS—This is the variety of Beans recommended by Prof. Robertson of the Dominion Experimental Farm, to be planted with corn and sunflower seed for ensilage purposes. Planted in May, the Beans grow to a height of 3 to 3½ feet, and when cut are in most cases green and succulent. Bush \$2.00. Values fluctuate.

The Prolific Dwarf Tree—Per lb 10c, bush \$2.00.

California Pea—Very productive. Per lb 10c, bush \$1.50.

FLAT PEA

LATHYRUS SYLVESTRIS WAGNERII—This is a variety of the wild flat pea of Southern and Central Europe, improved by selection and cultivation. The plant has been recommended highly for lands too poor to pay the cost of cultivation, for worn-out pastures and waste places about the farm, but as a forage crop it is hardly so good as Corn, Crimson Clover, etc. Per pkt 10c, per oz 30c, per lb \$3.00, by mail, postpaid.

FORAGE PLANT—SACALINE

It grows well on the poorest soils, is perfectly hardy, and endures the extremes of heat and cold. It grows to the height of ten or twelve feet, and can be cut two or three times in a season. The stems and leaves, which are very nutritious, are said to be eaten either green or dry, by cattle or sheep. Per pkt 10c, 3 for 25c. Seed per oz 75c, lb \$9.00.

Plants 15c each, 2 for 25c, 9 for \$1.00.

Send for Weekly Price List of Seed Grain, Clover and Grasses.



SOWING RAPE

1 to 2 pounds per acre in drills: 4 to 6 pounds broadcast.

A field of Rape coming into use when the pasture is almost barren from continuous feeding and dry weather, is a boon to the farm. For feeding sheep and lambs, preparatory for the market, nothing is better; not only does it fatten quickly, but imparts a quality to the flesh superior to almost any other pasture. It has been estimated that one acre of Rape, when not preceded by any other crop the same season, will feed from 35 to 40 lambs for two months, and that the gain in flesh per month was from eight to twelve and one-half pounds on each lamb. Young cattle thrive upon it, as well as swine. Rape may be sown either in rows or drills and cultivated, or may be sown broadcast. When sown in rows the plant will grow much stronger and more luxuriant in foliage, and will also stand longer feeding, as it is less liable to be tramped down. It may be sown in May, and when it is sufficiently advanced it can be fed off, and then allowed to grow up again, thus giving a second crop the same season; but the usual time for sowing is the last half of June and until end of July, and it has been sown towards end of August with success. When sown early in the season the hot sun of August seems to unduly hasten its maturity. As it will stand late sowing it can be sown after a rye or barley crop, and produce valuable food for October and November. The cultivation of Rape should commence as soon as it is well started, and with repeated cultivation until the leaves become too large to work between the rows. Rape is also plowed under as a fertilizing crop.

DWARF ESSEX, or Large Leaved English—Per lb 10c, 10 lb lots 80c, 25 lb lots and upwards \$1.75.

SPURRY (SPERGULA ARVENSIS)

The soil for Spurry requires the same preparation as for Clover. It should be sown at the rate of 15 pounds to the acre. It is in best condition for pasture from four to six weeks after sowing, and it may be sown every month from March to August. It is also valuable for "filling in" on pastures that have become thin.

Price—Per lb 20c, 6 lbs for \$1.00, 10 lbs and over at 15c, 50 lbs and over at 10c, 100 lbs \$9.00.

Large Giant Spurry—Grows larger and stronger than preceding variety. Per lb 25c, 5 lbs \$1.00, 10 lbs and over at 18c per lb, 50 lbs and over at 15c per lb, 100 lbs and over at 12c, per lb.

Add 5c per lb for Postage and Packing if to be sent by Mail.

SELECTED ENSILAGE CORN CROP 1898

SIMMERS' PARAGON WHITE ENSILAGE—This superior ensilage corn we can recommend from experience as being the heaviest cropping variety in cultivation, producing 50 to 75 tons per acre. It has been thoroughly tested in all dairy sections of the country with the best results. The fodder is sweet, tender, juicy, and said to contain more nourishment than any other variety. It grows 13 to 14 feet in height, taking strong hold in the ground, standing up well and resisting storms of all kinds to a remarkable degree. Peck 25c, bush 80c. Larger quantities, prices on application.

CORN—Red Cob Ensilage—So called owing to its cob being quite red; the kernel is perfectly white, resembling very closely the ordinary Horse-Tooth Corn. Per peck 20c, per single bush 75c. Larger quantities on application.

CORN—Mammoth Southern Sweet Ensilage—This variety is sweet, tender and juicy. Peck 20c, bush 75c. For larger quantities prices on application.

CORN—Yellow Horse-Tooth or Dent—Largely used for feeding when green, yellow seeded. Peck 20c, bush 75c. Market variable. Price on application for larger quantities.

Pride of the North (Early Golden Dent Corn)—This variety matures very early. The stalks usually grow from 8 to 10 feet in length, and produce from 1 to 3 good ears. Peck 30c, bush 80c.

Leaming Corn—The Leaming is a Dent variety; nearly always two good ears to each stalk. It withstands severe drouth, by reason of its earliness in maturing, strong and vigorous growth and its stalky and leafy nature, which enables it to stand up until ripe. Peck 25c, bush 80c.

KAFFIR CORN

RED—This grows taller than the White, the stalks are slenderer, but more juicy and very leafy. It does well on poor land, and yields well. It ripens a little earlier, yields nearly twice as much as the White variety, and is the best of all the non-saccharine Sorghums. Per pkt 5c, lb 15c, 5 lbs 75c postpaid. By express, 20 lbs \$1.20, 100 lbs \$5.00.

WHITE—Per pkt 5c, lb 15c, 5 lbs 75c, postpaid; 20 lbs \$1.20, 100 lbs \$5.00.

We do not pay Freight on Seed Grain.

Genuine Dwarf Essex Rape is the Greatest Pasture and Soil Improver Grown.

Fodder Corn

Prices Quoted are Net Cash. We do not Pay Freight on Seed Grain.

Send for Weekly Price List of Seed Grains, Clovers and Grasses
When ordering Corn do not forget to include price of Bags.

DENT VARIETIES

SIMMERS' EARLIEST RIPE FODDER CORN

This Corn will ripen in 60 days and furnish magnificent feeding corn just at a time when farmers are short of corn. If you plant this early you will have fine feeding Corn by July, when you can replant same and have good fodder Corn in September. This is the most wonderful Corn in the world. We cannot too strongly endorse same. No Corn will make more money for you and make it quicker than Simmers' Earliest Ripe Fodder Corn. Now there has been for the past few years a great demand, or better, a call, for an extremely early Fodder Corn, and in order to meet this demand, we now offer the *most perfect, earliest, rich Fodder Corn in existence*. This Corn will ripen out ears inside of 60 days after planting, and usually from 2 to 3 ears on the stalk. The foliage is about 6 feet high, very leafy and bushy, and contains a tremendous amount of nutritious matter. Of course this may not be as prolific as some other Fodder Corns, but it has the advantage over any and every other Fodder Corn by its being 30 days earlier. The farmer can easily figure out the great profit in having a Fodder Corn extremely early, having it come at the time when pasturage is short, and he can then feed this rich, luxuriant Simmers' Earliest Ripe Fodder Corn. If you are raising hogs or cattle, this Corn, above all other Corn, will return to you a tremendous profit, on account of its extreme earliness, on account of its large and many ears, and healthy, nutritious qualities.

Price—Per lb 15c, 3 lbs 40c, postpaid. By express or freight—peck 50c, bush \$1.50, 2 bush \$2.75.

White Cap Yellow Dent *This Corn is the best Early for Ensilage yet introduced. Large, heavy stalks and ears.* This variety has more genuine merit, more fine and lasting points than any corn in cultivation. It is from 7 to 10 days earlier than many varieties, and on poor, thin soil will out-yield the Leaming by at least 30 per cent. The originator claims it has more testimonials for earliness, easy shelling, productiveness, beauty, growing strength, fodder, and all round qualities than any other variety. It is sure to please every farmer trying it. We can specially recommend it. Price, per lb 10c, postpaid; peck 35c, bushel \$1.10, 2 bushel at \$1.05, 3 bushel at \$1.00.

The Early Mastodon This is another new variety of Ensilage Corn which the originator claims to produce the longest grains and largest ears of any 100-day corn in cultivation, with most extraordinary yielding qualities. One American farmer claims to have grown on one acre 15,898 lbs. or 213 bushels of shelled corn. Another grower in Nebraska grew 11,380 lbs. on one acre, or 171 bushels of shelled corn. The stock has been most carefully selected and the variety pure. It grows quick, strong and powerful, and is a most wonderful corn. Price, per lb postpaid 10c, peck 35c, bush \$1.20, 2 bush at \$1.15, 5 bush. at \$1.10.

Wisconsin Yellow Dent This variety has been brought to its present nearly perfect type by careful selection, and is in every way one of the most desirable kinds. Average weight of ears 9 to 10 ozs., with many rows, there being generally from 8 to 20, and often as high as 21, kernels of a bright yellow color, cob red. Per lb 10c, postpaid, peck 35c, bush \$1.10, 2 bush at \$1.05.

Wisconsin White Dent A standard pure white, medium size early Dent, maturing in about 100 days. Ears average 16 rows, grains extra long and wide, two of which will span the cob, which is usually small for the size of the corn, and is generally white. The stock is short and thick, with ears set low: roots deeply, easily withstanding severe storms and droughts. Per lb 10c, postpaid, peck 35c, bush \$1.10, 2 bush at \$1.05, 5 bush at \$1.00.

Hickory King Corn This white field corn has the largest grains, with the smallest cob, of any white corn ever introduced. So large are the grains and so extremely small the cob that on an ear broken in half a single grain will almost completely cover the cob section. Of strong, vigorous growth, the stalks take a firm hold in the ground and stand upright, resisting the severest storms. The stalks bear generally two good ears each, and occasionally three. It yields splendid crops on light soil, and is undoubtedly the best and most productive white field corn. Price, per lb 10c, postpaid, peck 35c, bush \$1.20, 2 bush \$1.10.

Chester County Mammoth It yields under good cultivation, from one hundred to one hundred and thirty bushels shelled corn per acre. The ears are very large, containing 14 to 32 rows of medium sized white grains. It furnishes a large amount of fodder, growing 12 to 18 feet high. It is undoubtedly one of the best white varieties. Price, per lb 10c, postpaid, peck 35c, bush \$1.10, 2 bush at \$1.05, 5 bush at \$1.00.

Mammoth Cuban Yellow The grains are pure yellow, long, and very showy, and of stronger vitality than any variety in cultivation, a very strong point in its favor. The fodder grows on the stalks in great quantities and of the finest flavor. It is the best milk producer of all the field ensilage corns, being as sweet and tender as Sugar Corn. Price, per lb 10c, postpaid, peck 35c, bush \$1.10, 2 bush at \$1.05, 5 bush at \$1.00.

Cuban Giant White Similar to the preceding, grains white. Price per lb 10c, postpaid, peck 35c, bush \$1.10, 2 bush at \$1.05, 5 bush at \$1.00.

Early Butler This is without doubt the earliest Dent Corn in cultivation. It is a cross from Pride of the North, grows good-sized ears with long grains and very small cob, corn of a beautiful golden yellow color. The Butler is adapted for high latitudes, and will mature farther north than any known variety. It grows strong and very quickly. Price, per lb 10c, postpaid. By express or freight peck 35c, bush \$1.10, 2 bush at \$1.05, 5 bush and over \$1.00 per bush.



Evergreen Sugar For Green Fodder—There is nothing better for early fall green feed, or for curing for winter than Sweet corn. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. A favorite with dairy farmers. Also excellent for silage. Can be planted as other corn or sown thickly in drills or broadcast. Per lb 15c, 3 lbs 40c, postpaid; peck 40c, 1/2 bush 75c, bush \$1.40, 2 bush \$2.60.

FLINT VARIETIES

MAMMOTH 8-ROWED YELLOW

It is entirely distinct, being, as described, the Mammoth 8-Rowed Yellow Corn, a great improvement on the old yellow Canada Corn, 8-Rowed, which is the general corn used by farmers for feeding purposes. The ears when harvested are long and well filled with corn which is double the size of the ordinary Yellow Canada Corn or the Compton Early Yellow. Our experience is, that the Mammoth 8 Rowed Yellow will give more green feed to the acre than any other variety, because it stools out well and produces any amount of green foliage, and does not dry down as rapidly as a Dent Corn, consequently it will be an excellent variety for farmers to grow for ensilage.

Price, per lb 15c, 5 lb 60c, postpaid; peck 40c, bush \$1.20, 2 bush at \$1.15, 5 bush at \$1.10.

Rural Thorough-bred White Flint

A new variety of spreading habit, not more than one kernel should be grown in the hill. Its great suckering habit, breadth of blade and smallness of stock recommend it as a fodder plant, while for ensilage purposes it is most valuable. Per lb 10c, 5 lbs, postpaid, 50c, peck 35c, bush \$1.20, 2 bush or over \$1.15 per bush.

Compton's Early Yellow The productiveness of the Compton is remarkable, with more rows on cob than any other Flint Corn. The grains are very small, round and heavy. It is very hardy and sure to grow and produce a crop. The ears are of perfect shape, with from 10 to 14 straight rows of brightest golden yellow grains of remarkable size and filled out completely to the extreme end of cob. The richness of color and fine quality of grain make it very superior for grinding into meal. Although the kernels are firm on the ear the ears are easily shelled, and in every respect present as perfect a type as could be desired. 8 to 10 feet. Per lb, postpaid, 10c, peck 35c, bush \$1.10, 2 bush at \$1.05, 5 bush and over, per bush \$1.00.

Early Yellow Canada The earliest yellow for field or table use. Per lb, postpaid, 10c, peck 35c, bush \$1.00.

Angel of Midnight (One hundred day). An extra early eight-rowed yellow Flint variety; grains are very large and are compactly set on a very small cob. Per lb, postpaid, 10c, 5 lbs, postpaid, 50c, peck 35c, bush \$1.10, 5 bush at \$1.00.

Longfellow An eight-rowed yellow Flint variety; with ears 10 to 15 inches long, cob small, kernels quite broad. Price per lb, postpaid, 10c, 5 lbs, postpaid, 50c, peck 35c, bush \$1.00.

Early White Flint Very desirable for table use. Price, per lb, postpaid 10c, peck 35c, bush \$1.10, 5 bush at \$1.00.

King Philip (Reddish Flint)—One of the oldest and best known of the Flint varieties. Price 10c, lb, peck 35c, bush \$1.10, 5 bush at \$1.00.

SEED OATS

"BLACK MESDAG"

The Black Mesdag oat which is now offered for the first time, was imported from France in the spring of '97, and has been thoroughly tested the past two seasons. We believe it is the earliest black oat in cultivation, having ripened the past season in 90 days, and early oats always pay and pay big, because they are the first in the market. The straw is strong and stiff, and so far has never shown the slightest signs of rust. It is the hardiest and healthiest variety grown. It is full of fresh new blood and overflowing with vigor; so strong is it that protracted droughts, heavy rains, have no effect upon its growth. In these years of changeable weather, we need something we can always count on, always sure of, and if you can be sure of anything it is a crop of Black Mesdag oats. It is one of the greatest yielding oats on record. At the Central Experimental Farm, Ottawa, it yielded at the rate of 80 bushels per acre this past season. It has a large branching head filled with plump grain, and is one of the heaviest black oats in the market. It weighs considerably more than one would believe by just glancing at it, owing to its having a very thin hull. A yield of 80 bushels is uncommon, but from our new Black Mesdag oat yields of 60, 70 or 80 bushels can be obtained by any good farmer with careful culture, and good farming is the only kind that pays. We think we are giving our customers the opportunity this year of getting hold of the best black oat on the market.

Packet 10c, 1b 30c, 3 lbs 75c, postpaid. By express or freight, peck 50c, bush \$1.75, 2 bush \$3, 5 bush \$7, 10 bush \$13, cotton bags included.

Siberian Oats

The straw medium long, stands well, and even under most unfavorable circumstances does not rust.

In short, they are the most profitable for farmers to grow and merchants to handle. Their productiveness, weight and fine qualities place them first. They ripen evenly, medium early, and notwithstanding they bear a very large, spreading head, filled completely with the very heavy grains, they stand up stiff and straight until fully matured. Their strong straw adapts them to rich bottom ground, where common oats will fall down and waste. **Siberian stands first among white varieties at Guelph Agricultural College in average test of eight years.**

Price—Per lb 15c, postpaid; 5 lbs 50c, peck 25c, bush 60c.

WHEAT—Spring

Herison Bearded—Not only has this variety given the largest yield of grain per acre, but it has also produced the largest average weight per measured bushel. It is amongst the nine best milling varieties, the kernels are short, thick, and of a darkish red color, the straw is fairly long, stands up straight and is entirely free from rust, matures moderately early, and is considered the best all round variety of Spring Wheat. Price, per lb 15c, 4 lbs 50c, postpaid; peck 50c, bush \$1.50.

CAMPBELL'S WHITE CHAFF—Bald, club-shaped, with a compact and rather heavy head; good, thrifty grower; strong straw, about 3 feet high; one of the earliest Spring Wheats. The grain is white, thin-skinned and very plump. Per lb (postpaid) 15c, 5 lbs (postpaid) 50c, peck 45c, bushel price on application.

Colorado Spring Wheat—It is a light amber; rather short, thick berry; the heads are a good size; white straw and chaff, stands up well and ripens early. Price per lb 15c, 5 lbs 50c, postpaid; peck 45c, bushel price on application.

For other leading varieties, such as **Red Fern, White Russian, Red or Scotch Fife, Wild Goose**, etc., see our Weekly Farmers' Price List of Grains and Grasses, sent on application.

WHEAT—Winter

Jones' Longberry, Pride of Genesee, Early White Leader, Genesee Giant, Jones' Winter Fife, Early Red Clawson, American Bronze, Dawson's Golden Chaff, and other varieties, kept in stock. Our Fall Catalogue of Winter Wheats, Grass Seeds, Fertilizers, etc., is issued about August 15th of each year, and sent free to all who apply. **Send in your address now.**



"Black Mesdag" Oats

"THE NEWMARKET"

We have offered this grand variety for the past two seasons and have not had a complaint from a single farmer among the many who tried it, but all were well pleased, and judging from reports received, it has already become a standard variety, and we unhesitatingly state that the **Newmarket** is not surpassed by any variety in this country for **Productiveness and Standing up Qualities**. It is a **White Variety with large branching heads. Kernels large, of medium length, uniform and taper pointed. Straw of good length and very seldom goes down.**

We have a fine stock of seed but look for an increased demand that may take it all before the season is past and would advise those who contemplate ordering to do so early. *We will sell as follows while our present stock holds out.*

Price—Per lb 15c, 3 lbs 50c, postpaid; peck 30c, bushel 80c, 2 bushel \$1.50, 5 bushel and over \$3.50.

Golden Tartarian Side Oats

Golden Tartarian is not so rank a grower as the Newmarket, but good length of straw, very stiff, side oat, same as Black Tartarian, but much longer heads, filled with grains of golden color. We believe this variety will entirely drive out the old Black Tartarian which has been such a favorite for years, as this variety has all the good qualities of the Black and none of the bad, such as rust and smut.

Price—Per lb 15c, 4 lbs 50c, postpaid; peck 30c, bushel 80c, 2 bushel \$1.50.

Imported Black Tartarian

The Black Tartarian is of the best variety of Black Oat in cultivation. The grain is black and is produced on the side of the head. The stock we offer was grown in East Lothian, Scotland, and is of excellent quality.

Per peck 60c, bushel \$2.00.

Standard Varieties

We can also supply the following varieties, and in case large quantities are required write for our Farmers' Weekly Price List:

Peerless—Per lb 15c, 5 lbs 50c, postpaid; peck 25c, bushel (34 lbs) 70c, 2 bushel at 65c.

WHITE MAIN—Per lb 15c, 5 lbs 50c, by mail, postpaid. By express or freight, peck 25c, bushel 75c, 2 bushel \$1.50 bag included.

White Challenge—Per lb 15c, 5 lbs 50c, free by mail, peck 25c, bushel 75c, 2 bushel at 70c, 5 bushel or over 65c per bushel.

The Lincoln—Per lb 15c, 4 lbs 50c, postpaid; peck 25c, bushel 75c, 2 bushel or more at 70c.

Black Goanette—Per lb 10c, 5 lbs 50c, postpaid; peck 25c, bushel 80c.

Black Tartarian—Grown from imported seed. Peck 25c, bushel 70c, 2 bushels at 65c.

PEAS

CANADIAN BEAUTY—Per lb (postpaid) 10c, 5 lbs (postpaid) 40c, peck 40c, ½ bush 65c, bush \$1.00, 10 bush at 90c.

Mummy—It ripens about the same time as the Marrowfat, bearing its pods on the top of the haulm; yield one-half more peas to the acre than any other field variety. Per lb (postpaid) 10c, peck 30c, bush 85c, 10 bush at 80c.

Multiplier—A fine white Pea, which matures a few days earlier than the Golden Vine. It is much more productive than any of our common field varieties. Price on application.

Also the following varieties of Peas:—**Golden Vine, White Marrowfat, Black-Eyed Marrowfat, Prussian Blue, Prince Albert, Crown**. Price on application.

SPRING RYE—Bush 90c.

TARES OR VETCHES—For spring sowing. Per bush \$1.40.

PRICE OF BAGS

When bags are required for filling orders, they will be supplied at the following prices, which should be remitted with the amount of order:

1 Peck, Cotton	at 10c each
½ Bushel, Cotton	at 12c "
1½ Bushel Potato Bags, per doz	\$1.00 10c "
2 Bushel, Linen, per doz	1.25 12c "
2 Bushel, Cotton, Seamless	at 25c "
2 Bushel, Cotton, Seamless "B"	at 20c "

Do not forget to order some of our new oats the BLACK MESDAG.

Simmers' Extra Clean High Grade Grass Seeds for all Soils

FOR HAY AND FOR PERMANENT PASTURES

A GOOD REFERENCE BOOK—"HANDBOOK ON THE GRASSES OF NORTH AMERICA." PRICE \$1.75, POSTPAID

THE greatest care is exercised in the selection of our Grass and Clover Seeds.

Choice samples are the cheapest, sow further and are the most satisfactory in the end.

Where prices are not quoted, they will be furnished with samples on application.

AWNLESS or HUNGARIAN BROME GRASS

(*Bromus Inermis*), The Great Forage

Grass of our Northwest—This grass is certainly the greatest boon ever discovered. Not

only is it the grass for dry sections, but it can be raised on almost all kinds of soil and in any

climate. It being a native of Russia makes it particularly desirable for our Northwest.

DESCRIPTION—It originated in Russia, and is recommended on account of the manner in

which it has stood on the Hungarian Plains, where the dry, sterile nature of the country

and the long-continued drouths make so many plants succumb. This *Bromus*, however, stands

well, and has been known for thirty years to stand when such robust crops as lucerne have

been destroyed. It gives a luxuriant crop, particularly on fresh sandy loam soil, and where

the climate is warm. It is found that animals eat it greedily, whether in the green or in the

dry state, so that it can be used as mown or saved for winter use. Useful in filling up gaps

where clover crops have failed. Lb 20c, postpaid 24c, 100 lbs \$15, carriage extra.



Bromus inermis—Awnless Brome Grass



Orchard Grass

This is Certainly the Grass for the Northwest

From the report of Mr. Angus Mackay, Supt. Experimental Farm, Indian Head, N.W.T.: Awnless Brome Grass (*Bromus inermis*) returned a fine crop of hay the past season. On portions of the fields that were allowed to ripen seed the previous year the yield was less than on parts cut for hay at the proper season. This grass has been grown on the Experimental Farm for the past six years, and has never failed to give good returns of hay or pasture. After the third crop the hay becomes very fine on account of the grass thickening very much at the roots. Between thirty and forty acres were sown with *Bromus inermis* the past season. The first sowing was done on April 27th, and the others on May 26th and June 3rd, and in each case a good catch was obtained. The five-acre field sown on April 27th was run over with mowing machine once, and later with binder to keep weeds in check. The balance was mown over once. Cattle were turned on the fields in September and continued to find good picking until snow fell in November. The early sown produced the best crop.

Prof. Saunders, of the Dominion Experimental Farm, says: Of all the grasses now in general cultivation which we have tried, this is by far the most promising. Has produced nearly four tons of hay to the acre. It is very hardy, early, a heavy cropper, and produces a heavy aftermath of succulent, leafy shoots; thrives well in loose soil and withstands drouths, producing extra heavy crops in rich, damp soil.

CANADIAN BLUE GRASS (*Poa compressa*) Hardest Grass in Cultivation

It is an excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils, and upon all soils that are affected seriously by long-continued drouths. Per lb 15c, per bushel of 14 lbs \$1.40.

Creeping Bent Grass (*Agrostis stolonifera*)—A variety similar to the Red Top Grass, somewhat lower in growth. Per lb 30c, 10 lbs \$2.75.

Crested Dog's Tail, or Comb Grass (*Cynosurus cristatus*)—Well suited for lawns from its readiness to take root and its dense, compact habits. Lb 40c.

Hard Fescue (*Festuca duriuscula*)—Will thrive in a great variety of soils, and resists the effect of drought well; from its fineness of foliage, it is well adapted for lawns or sheep pasture. Per lb 20c.



Kentucky Blue Grass

Tall Fescue (*Festuca elatior*)—Of strong growth, very productive, good both as hay and green food; also for permanent pasture, for moist and strong soils, and irrigation purposes. Per lb 25c, 10 lbs \$2.25.

Tall Meadow Oat Grass (*Avena elatior*)—A bulky, tall, productive grass, much relished by all cattle, and well adapted as a grass for soiling. Lb 25c, 10 lb \$2.30.

TIMOTHY GRASS (*Phleum pratense*)—Market price variable. Per lb 10c.

Water Meadow Grass (*Poa aquatica*)—In flooded situations it grows luxuriantly, and forms a rich pasturage in summer. Per lb 35c.

Wood Meadow Grass (*Poa nemoralis*)—Well adapted for woody lands, two feet high, forming valuable pasture. Per lb 30c, 10 lb \$2.85.

Yellow Oat Grass (*Avena flavescens*)—Hardy and early, valuable for dry meadows, pastures or lawns. Per lb 30c.

Common Millet (*Panicum milliaceum*)—There are many varieties of Millet, but none used so extensively as the common variety. Lb 10c.

German or Golden Millet—Medium early, height 3 to 5 feet, yellow, heads closely condensed, spikes very numerous, seeds round, golden. Per lb 10c.

Hungarian Grass (*Sectaria Italica*)—A most valuable, rapid growing variety of grass of annual nature, particularly well adapted for light ground, will yield an abundant crop, and when cut before seeding produces hay much relished by all kinds of cattle. Market price variable. Per lb 10c.

NOTE—FOR GENERAL SEEDING sow one-third clover and two-thirds timothy. This produces hay of excellent feeding quality for stock in general. Write us for prices on any mixture wanted for hay or permanent pasture.



Meadow Fescue Grass

We will send one large package of each of the above 25 varieties of Grass Seeds, correctly named, for \$1.50 postpaid, or any 17 varieties for \$1.00 postpaid, or any 8 varieties for 50c.

CLOVER SEED

"CLOVERS ARE THE FOUNDATION
OF FARMING."

(Clover seed being subject to constant variations, prices
will be ruled by the market.)

ALSIKE CLOVER (*Trifolium Hybridum*)—It is a perennial, therefore adapted for permanent pastures or for hay crop. Perfectly hardy; never heaves or throws in the winter, thrives equally well on wet or dry soil, through extreme drouth or excessive rains. Grows on clover-sick land, and yields a heavy bulk of herbage where no other clover succeeds. Sow six lbs. per acre in spring. Lb 15c, postpaid 20c; per bushel of 60 lbs, market price variable.

SAINFOIN or ESPARSETTE (*Onobrychis Sativa*)—An excellent perennial Fodder Plant, growing to the height of about three feet, and flowering in June and July. It stands improving by age. It is naturally adapted for light chalky soils, being an enriching, heat resisting clover, and may be sown either broadcast or drilled. If the broadcast system of sowing is preferred, it will require about 25 pounds per acre; if drilled, 15 to 20 pounds. It will crop from 7 to 10 years, according to the nature of the soil. Lb 15c, postpaid 20c; 10 lb \$1.25, 25 lbs \$3.00.

Common Red Clover (*Trifolium pratense*)—Will succeed in any soil of moderate fertility, if sufficiently dry; of rapid growth and yields an abundant and nutritious crop. Per lb 15c, postpaid 20c; per bushel of 60 lbs, lowest market price on application.

MAMMOTH RED or COW GRASS (*Trifolium pratense perenne*)—Of great value if sown upon exhausted land; grows from 5 to 6 feet, and highly recommended for plowing under for manure. Per lb 15c, postpaid 20c; per bushel of 60 lbs, lowest price on application.

Crimson or Carnation Clover (*Trifolium incarnatum*)—Should be sown in the early summer, and will then make excellent pasture in the fall, the open winter and the spring. It is the earliest cropper of all clovers, and can be cut for hay in May. Sown in the spring it will produce good pasture, but will not go to seed. Per lb 15c, 4 lbs 50c, postpaid. By Express—Peck \$1.10, bush \$2.10, bush \$4.20.

WHITE DUTCH (*Trifolium repens*)—Most valuable in mixture for permanent pastures, forming with natural grasses the finest and most nutritious food for cattle and sheep. Succeeds on all good clay lands if not too wet. Price varies—Lb 25c, postpaid 30c.

YELLOW TREFOIL or HOP CLOVER (*Medicago lupulina*)—A prolific and hardy variety. It has been for a time largely cultivated in England with Red Clover and Grasses; is excellent for dry pastures; should not be sown alone. Lb 15c, postpaid 20c.

Bokhara Clover (*Melilotus vulgaris*)—For bees. Of large and vigorous growth; blooms early in August; may be cut three times during the season, and yields from three tons upwards of hay per acre. For hay or fodder cut when green; grows two feet high, has a white and very sweet scented blossom; most valuable for bees. Sow in spring. Per lb 15c, postpaid 20c.

LUCERNE or ALFALFA CLOVER—A perennial foliage plant, and when once properly seeded in suitable soil produces fine crops for several years. It has a remarkably strong growth, occasioned by its roots penetrating the ground to a great depth, 10 to 20 feet, until they are altogether out of reach of drouth. Its cultivation is simple, requiring no more care and attention than a crop of the ordinary red clover, excepting the first year, in preparing the soil and seeding; the ground should be thoroughly mellowed by clean and careful tillage, the seed sown with any grain crop in the spring, or as a separate crop, at the rate of 10 or 12 pounds per acre, and the second year it will become thoroughly established. Lb 15c, postpaid 20c; per bushel of 60 lbs, lowest market price on application.

Alfalfa or Lucerne Clover

Ontario Agricultural College (Guelph) formula of Grasses and Clovers for permanent pastures.

Six lbs Meadow Fescue, 3 lbs Timothy, 2 lbs Canadian Blue Grass, 3 lbs Orchard Grass, 3 lbs Red-top Grass, 4 lbs Lucerne Clover, 1 lb White Dutch Clover, 1 lb Alsike Clover, 2 lbs Red Clover: total, 17 lbs Grasses and 8 lbs Clovers, being the quantities required for an acre. \$3.00 for 25 lbs; lb 15c, postpaid 20c. If larger quantities are wanted please write for price.

GRASS MIXTURES

Simmers' Special Grass Mixture for Permanent Pasture consisting of the following varieties: Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue (*true perennial*), Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top, Blue Grass, etc., as recommended in the well-known and standard work, entitled, "How the Farm Pays" (by Henderson), blended in proportions which have been found, from actual use, to give the most satisfactory results.

On ordinary fertile soil two to three bushels of this mixture is sufficient to seed an acre.

To this mixture, intended for either Mowing Lands or Pasture (but which on account of its greater weight, should be sown separately), should be added 10 lbs. of Mixed Clover, comprising White, Mammoth Red or Cow Grass, Alsike, Trefoil, etc., but this must be sown in the spring, as it is rather tender in this latitude if sown in the fall.

The Quantity (10 lbs.) of Mixed Clover Needed to Sow an Acre we will sell for \$2.00.

Permanent Pasture for Light Soils	\$2.50 per bushel of 14 lbs.
Permanent Pasture for Medium Soils	
Permanent Pasture for Heavy Soils	
SIMMERS' Grass Mixture for Orchards and Shady Places	
SIMMERS' Special Grass Mixture for Hay Only	
SIMMERS' Grass Mixture for Permanent Pasture Only	

10-Bushel Lots and upwards, \$2.25 per bushel;
(Special Quotations for Larger Quantities).

Simmers' Special Grass Mixtures for Temporary Pasture—Consisting of Tall Meadow Oat Grass, Orchard Grass, English Rye Grass, Italian Rye Grass, Meadow Foxtail, Hard Fescue, Sheep's Fescue and Meadow Fescue, Red Clover, White Clover, Alsike, Trefoil and Timothy, blended in their proper proportions for the time specified. Incomparably superior to the ordinary Timothy and Clover Mixture.

For One Year—1 bushel Mixed Grasses, \$2.00. 10 lbs. Mixed Clovers, \$1.75. Total cost per acre, \$3.75.

For Two Years—2 bushels Mixed Grasses, \$4.00. 10 lbs. Mixed Clovers, \$1.75. Total cost per acre, \$5.75.

For Three or Four Years—3 bushels Mixed Grasses, \$6.75. 10 lbs. Mixed Clovers, \$1.75. Total cost per acre, \$8.50.

(Special Quotations for Large Acreages).

PRICE LIST OF GRASS AND CLOVER SEEDS IN QUANTITY.

When Clover and Grass Seeds are to be sent by mail, 5 Cents per Pound must be added to the following prices. We will supply 20 lbs. or over at the 100 lb. rate, and 5 lbs. or over at the 10 lb. rate; for smaller quantities the lb. price will be charged. The following prices are values at time of issuing this Catalogue, January 1st, and are subject to Market Changes.

CLOVERS		Per lb.	10 lbs.	100 lbs.
Alsike, Choice		12c	\$1 10	
Alsike, Prime		10c	1 00	
Alsike, Simmers' Best		15c	1 25	
Alsike and White, Mixed		15c	1 00	
Bokhara		15c	1 40	
Crimson or Scarlet		10c	75	
Lucerne, Choice		15c	1 25	
Lucerne, Prime		13c	1 15	
Mammoth Red Clover, Choice		15c	1 20	
Mammoth Red Clover, Prime		14c	1 10	
Red Clover, Choice		14c	1 10	
Red Clover, Prime		12c	1 00	
Red Clover, Simmers' Best		15c	1 20	
Sainfoin		15c	1 25	
Timothy, Choice		08c	60	
Timothy, Prime		07c	50	
Timothy, Simmers' Best		10c	65	
Trefoil, Yellow		15c	1 30	
White Clover, Choice		25c	2 25	
White Clover, Prime		20c	1 80	
GRASSES		Per lb.	10 lbs.	100 lbs.
Blue Grass, Canadian, Best		15c	\$1 40	\$10 00
Blue Grass, Canadian, Good		10c	65	6 00
Blue Grass, Kentucky, Choice		15c	1 25	12 00
Blue Grass, Kentucky, Fancy		20c	1 75	15 00
Bromus Inermis (Awless Brome)		20c	1 60	15 00
Creeping Bent		30c	2 75	25 00
Crested Dogstail		40c	3 50	30 00
Hard Fescue		20c	1 85	17 50
Hungarian, Best Re-cleaned		05c	30	2 10
Italian Rye Grass		13c	1 25	10 00
Meadow Foxtail		40c	3 75	35 00
Meadow Fescue		15c	1 25	10 00
Millet, Golden, Fancy Cleaned		05c	30	1 70
Millet, Best Re-cleaned		05c	25	1 50
Orchard Grass, Best Quality		20c	1 80	16 00
Orchard Grass, Choice Quality		15c	1 40	13 00
Perennial Rye Grass		10c	85	8 00
Red Fescue		20c	1 85	18 00
Red Top, Choice Quality		15c	1 40	13 00
Red Top, Fancy Cleaned, Best		20c	1 90	18 00
Sheep's Fescue		20c	1 85	18 00
Sweet Vernal		40c	3 75	
Tall Fescue		25c	2 25	22 00
Tall Oat Grass		25c	2 30	22 00
Water Meadow Grass		35c	3 25	30 00
Wood Meadow Grass		30c	2 85	27 50
Yellow Oat Grass		80c	7 50	

Customers ordering Grass Seed sufficient for one acre or more are allowed the privilege of 100 lb. rate. Please allow for Bags when remitting

Have you Beeswax? We Buy It. Let us know your price.
Cash or supplies.



Mammoth Flowered Heliotrope

New Heliotrope—Lemoine's Giant Hybrids

Should we devote this entire page to an illustration it would fail to give an adequate idea of the grand size and rare beauty of the flower-heads of this wonderful novelty. On one mammoth flower head we observed thousands of individual flowers. The trusses measure from ten to fifteen inches across. Their fragrance is delicious and powerful. The colors are from pure white through all shades of violet and blue to deep indigo.

773. Per pkt 10c, 3 pkts for 25c.



EARLY FLOWERING COSMOS

Cosmos are unquestionably very handsome flowers, and it is astonishing how quickly they have become general favorites. Only a few years ago they were practically unknown. There is but one objection to their giving general satisfaction, and that is their late flowering habit. The plants require a very long time to develop, and that brings their flowering season late in the fall. This objection will not be found in our "early flowering" strain. Seed sown in the open ground in the beginning of May, will produce blooming plants in August, and they will continue to flower until late in fall. We know of no single flower that is as handsome and chaste as the Cosmos, while for keeping qualities when cut they are unexcelled.

774. Early Flowering Mixed—Pkt 10; 3 pkts for 25c.

775. Yellow Cosmos—Is a distinct variety, which blooms all summer and fall. Flowers sulphur yellow, from 1 to 1½ inches in diameter, while the plants attain a height of about 2 feet. Pkt 10c.



Allegheny Hollyhock

New EVER-BLOOMING SUNFLOWER, "STELLA"

This new annual attains a height of 3 to 4 feet and produces its handsome, well-formed flowers in the greatest abundance all through the summer till late in the fall. The flowers are 2½ to 3 inches across, are borne on long stems which rise well above the lively green, small foliage and are of purest golden yellow with a black disc. It is a splendid flower for cutting equally as valuable for flower groups or as a solitary plant on the lawn.

778. Per pkt 10c.



Ever-Blooming Sunflower, "Stella"

NEW MAMMOTH FLOWERING ALLEGHENY HOLLYHOCKS

BLOOMS THE
FIRST YEAR FROM SEED.

A NEW TYPE OF
HOLLYHOCKS.

The flowers of this new variety are so different from the old conventional ones that but for the similar habit of the plant it would not be taken for a Hollyhock. They are from four to six inches in diameter, running from semi-double to double, and so finely fringed and curled that, compared with the old ones, they have the look of a flower from Fairyland. The colors are shell pink, rose and ruby red, a shade or two deeper at the centre, and exquisitely tinted toward the edge. The flowers do not, as on the other double Hollyhocks, rot on the stems, but drop as soon as they fade. Every bud to the top of the plant is developed into flowers, making the flowering season considerable longer. The cut gives an idea of these flowers, but does not by far do them justice, as the fine, graceful appearance and peerless shading cannot be reproduced.

776. Price—Per pkt 15c, 2 for 25c.

IBERIS GIBALTARICA

Perennial Candytuft

A beautiful hardy perennial, about one foot high, specially adapted for rockeries, baskets, etc. Coming into flower early in the spring. It is a very profuse bloomer, and in color it is pure white shading off to delicate lilac.

777. Pkt 10c, 3 for 25c.

Japanese Giant Winter Cherry



New Japanese Giant Winter Cherry, or Chinese Lantern Plant.

garden, and equally as valuable when grown in pots for winter decoration in the house, or the colored balloon-like vessels can be used to great advantage with winter bouquets of dried grasses. The fruit is edible for those who like it. Pkt 10c, 3 for 25c.

(PHYSALIS FRANCHETI)

779. A remarkably showy annual, of sturdy, erect, branching habit, growing about 18 inches high. The branches are well covered with luxuriant, green foliage, and studded with large, bright red cherry-like fruits, each enclosed in an enormous balloon-like semi-transparent calyx, about 3 inches long by 7 to 8 inches in circumference, at first of light green color, gradually changing, as they mature, to yellow, then orange, and finally to crimson. It is a bold, handsome plant and gorgeously effective in the autumn



Mignonette "Bismarck."

MIGNONETTE "BISMARCK."

With this novelty the improvement of this favorite flower of every lover of the garden might well be said to have reached its highest point. Bismarck Mignonette ranks as high over "Machet" as that over the old sweet-scented variety. It originated from Machet Mignonette, but its sweet-heads are twice as large as those of the parent and are borne on strong stems, high above the thick, dark green, somewhat corrugated foliage; the growth of the plants is from the beginning broad and sturdy, the bushes do not exceed about 1 foot in height, the flowers are of a reddish hue and very sweet scented. This Mignonette is not to be surpassed for the garden, the flower-table, for any floral work or for growing in pots. The value of this novelty can be better recognized by looking at the illustration.

781. Packet 10c, 3 for 25c.

PRIMULA FORBESI



Primula Forbesi

780. This is the freest flowering Primula we know of. Theseed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then on until late in spring they produce their sprays of beautiful, rosy-lilac flowers in seemingly never-ending profusion, and we predict it will soon be as much of a favorite here as it now is in Europe. Price per pkt 10c.

FEATHERED CYCLAMEN

"Bush Hill" Pioneer

Cyclamen are among the most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. This splendid variety is pure white and quite distinct, with singular flowers; from the exterior of each petal is produced a fan-like crest as shown in the accompanying illustration.

782. Price—Per pkt 50c.



JAPANESE IMPERIAL

Morning Glories.

Their varieties of color are infinite, running from snow-white through all possible shades of blue, and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion, and sometimes show rare shadings of ash grey, bronze, terra cotta, brown and slate blue, colors rarely found in any other flowers. But not only are the colors of extraordinary richness and variety, but their forms are often very unique and odd. Some have their petals separate clear to the base, and many have fringed, quilled or ruffled edges. The leaves are also very handsome. Some are rich green, while many are streaked and marbled with white and silvery grey or yellow. Like their hardy brothers, the Common Morning Glory, they flower right on from the beginning of summer until overtaken by frost.

783. Single Japanese Morning Glories—Price, per pkt 5c, oz 25c.

784. Double Japanese Morning Glories—These are similar to the above, and produce a large percentage of double flowers. Price, per pkt 5c.

THE BRAZILIAN MORNING GLORY

(IPOMOEA SETOSA)

785. It grows with the greatest vigor and luxuriance, branching and climbing in all directions. The leaves are 8 to 12 inches across and are borne from the ground up, over-lapping each other and making a dense shade. Every part of the vine is thickly covered with short, reddish hairs, which, with its immense leaves and large clusters of curious seed capsules, render it highly ornamental and give it quite a tropical appearance. The flowers, which open in the morning, are three or more inches across, of a beautiful rose color and are borne in large clusters. Per pkt 5c.

Yellow Morning Glory "Ipomoea Chrysantha"

786. No one who has a trellis or arbor to cover should neglect to plant this new Morning Glory, the most rapid growing of all annual climbing vines. The vines are literally covered with thousands of beautiful, pure yellow fragrant flowers, opening in the morning and remaining open until evening. Planted in rich ground, in a sunny situation, and given plenty of water, the vines attain a height of 75 feet. Price, pkt 5c.

IPOMOEA "NORTHERN LIGHT"

787. This plant has blooms some two inches in diameter, of pink lavender color, which come earlier in the season than any of the Ipomoeas, which open in the evening. The foliage is large and handsome and remarkable in its drought-resisting qualities, the plant remaining green and fresh when others are yellow and withered from lack of moisture. The plants are the most rampant growers from time of germination. Price, pkt 5c.

SPECIAL OFFER—One Packet of Each of the Five Morning Glories, 20 cents.



Giants of California Petunias

88. **GIANTS OF CALIFORNIA MIXED**—A Californian strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely fringed on the edges, and are of enormous dimensions (4 to 5 inches across), but their great merits lie in the tremendous varieties of colors, markings, veinings, blotchings and stripings, in the most grotesque and beautiful combinations; some with charming deep throats of yellow, white, black, green or maroon, running off into intricate veins. Some of the colors are rich and gorgeous and others of lovely delicate shades. (See cut). Pkt 15c, 2 pkts 25c.

89. **RUFFLED GIANTS**—This new race is the result of years of careful hybridizing and selection by one of the foremost Petunia specialists. The flowers are of extraordinary size and substance, with very deep throat, and distinguished from the large flowering fringed section by the deeper fringing and fluting, giving the appearance as if artificially ruffled. The colors are not surpassed by any other strain, ranging from the deepest plum purple to the purest white, with all the intermediate shades, which, combined with the ruffling make the flowers truly superb. Per pkt 25c.

SPECIAL OFFER—One Packet of each of the two Giants of California Petunias, 35c.



Giant White Antirrhinum

GIANT FLOWERING ANTIRRHINUM

These handsome and profuse flowering plants have long been favorites in our gardens. They are of very easy culture, even in rather dry locations, growing sturdily and producing quantities of flowers throughout the summer and autumn, from spring-sown seed, although, strictly speaking, they are biennials.

- | | |
|---|---------|
| 90. Giant White—Pure snow white | pkt 10c |
| 91. Giant Mixed | " 10c |
| SPECIAL OFFER —One packet each | 15c |

Eckford's Advance Set of Novelties in Sweet Peas

The varieties described briefly below comprise the set which Mr. Eckford will send out at retail this year. Although the price is too high for general sale, yet many specialists in Sweet Peas will be glad to obtain these varieties in advance.

792. **Prince of Wales**—A bright rose self of intense color and fine, bold form.
793. **Lady Mary Currie**—Deep orange-pink, delicately shaded rosy-lilac, of exquisite brilliancy; and much admired wherever shown.
794. **Chancellor**—Standards bright orange, wings bright-orange pink just a shade lighter than the standard; it is really a self-colored flower of intense glowing color and grand form.
795. **Duchess of Sutherland**—Pearl-white delicately suffused with light pink; bright and charming, of fine form and good substance.
796. **Colonist**—This is a lovely flower of fine form and substance, usually three-flowered, very free flowering. The color is of the most beautiful soft lilac, overlaid with the brightest rose.
797. **Duke of Sutherland**—Deep claret with a deeper flush of maroon on the back of the standard; the wings are of a deep indigo blue throughout; a very effective color and quite distinct.
798. **Black Knight**—This is one of the finest flowers, the color being absolutely a deep maroon self, clear and shining, the standard bearing a bright metallic polish.

Any of the above 15c per packet. 3 for 40c.
The set of 7 for 75c.

4 New Sweet Peas—Novelties of 1898.

799. **Stella Morse**—The blossom opens with quite a suggestion of yellow, —a most fascinating shade of deep cream,—which becomes a little lighter as the flower grows older. About the third day it is a delicate primrose with a faint rose-pink on the edge.
800. **Lottie Hutchins**—It is daintily flaked with pink on a cream ground —making a rich, lovely effect. The flowers are large in size and finely formed, borne on heavy, substantial stems.
801. **Oriental**—Of a "rich orange cast." Coming absolutely true from seed and is far superior to the popular *Lady Penzance*—so much brighter and richer in color. The flowers of the largest size, fine substance, borne freely upon long stems.
802. **Modesty**—"It is the most delicate pink in existence." Although of such a delicate blush it is really a self color and sufficiently pink not to conflict in any way with *Blanche Burpee*.

Each variety 10c per packet. One Packet of each for 30c.

3 New Cupids or Dwarf Sweet Peas

803. **Beauty**—Decided rose color.
804. **Alice Eckford**—Rich cream tinted standards, white wings.
805. **Primrose**—Creamy tint, identical with the tall variety of same name.

Each Variety:

Per pkt of 24 seeds 25c, 5 for \$1.
Per pkt of 12 seeds 15c
2 pkts for 25c.
10 pkts \$1.00.



Flower Seed Collections.

25c. SIMMERS' FLOWER SEED COLLECTION A

10 Pkts Choice Fresh Flower Seeds for 25 Cents.

Contains 10 beautiful varieties of easily grown annuals in handsome colored bags, with full directions for their culture.

Asters—Choice Mixed.
Poppy—Double Mixed.
Sweet Mignonette.
Pansy—Good mixed.
Double Imperial Pinks.

Snapdragon—All colors mixed.
Morning Glory—Mixed.
Phlox—Splendid mixture.
Tall Nasturtium—Mixed.
Sweet Peas—All colors mixed.

50c. SIMMERS' FLOWER SEED COLLECTION B

Contains 20 Pkts of Choice Flower Seeds for 50c.

Asters—Truffaut's Perfection, mixed
Balsam—Double mixed.
Phlox Drummondii—Mixed.
Tall Nasturtium—Mixed.
Pansy—All colors, mixed.
Mignonette—Large flowering.
Morning Glory—Mixed.
Sunflower—Very double.
Zinnia—Best mixed.
Marigold—Double French,

Sweet Peas—Mixed.
Calendula.
Candytuft—Mixed.
Sweet Alyssum.
Stocks—Mixed.
Poppies—All kinds, mixed.
Verbena—Best mixed.
Double Pinks—Best mixed.
Snapdragon.
Scabiosa—Mixed.

HARDY PERENNIALS—10 Varieties for 60c.

60c. **Gaillardia**.
Correopsis.

Iceland Poppies.

Larkspur.

Pentstemon.

Hollyhocks.

Perennial Sweet Pea.

Foxglove.

Columbine.

Double White Chrysanthemum.

We cannot permit any change in the composition of these Collections.

\$1.00 SIMMERS' FLOWER SEED COLLECTION C

Contains 40 Pkts of Flower Seeds for \$1.00.

Asters—Simmers' Excelsior Mixture of Tall Sorts.
Alyssum, Sweet—Little Gem.
Balsam, Double—Mixed.
Calendula.
Canarybird Flower.
Candytuft—Empress.
Cannas—Crozy's Finest mixed.
Carnation—Margaret.
Castor Oil Bean.
Chrysanthemum—Annual sorts,
Cobaea—Climber.
Cosmos—Mixed.
Double Daisy.
Double Hollyhocks.
Double Japan Pink—Best mixed.
Escholtzia.
Everlasting Flowers—Mixed.
Gaillardia—Annual.
Godetia—Mixed.
Gourds, Ornamental.

Marvel of Peru.
Marigold, Double—Mixed.
Mignonette—Machet.
Morning Glory.
Nasturtium—Tall yellow.
Nasturtium, Dwarf—Mixed colors.
Nasturtium, Tall—Dark Brown.
Pansy—Fine mixed.
Petunia.
Phlox Drummondii—All colors, mixed.
Poppy—All kinds, mixed.
Portulacca—Mixed sorts.
Salvia—Splendens.
Scabiosa—Mourning Bride.
Snapdragon.
Stocks—Mixed.
Sunflower—Many kinds, mixed.
Sweet Peas.
Verbena—Best mixed.
Zinnia—Large flowering.

SIMMERS' COLLECTIONS FLOWER SEEDS.

No.		Price per Coll.
806.	Asters—Truffaut's Pæony-flowered —Twelve varieties	\$0 50
807.	Asters—Victoria Double —Six very showy varieties	30
808.	Balsams—Camellia-flowered Double —Ten varieties	50
809.	Hollyhocks, Chaters Prize —Twelve choice colors	50
810.	Larkspur, Double Hyacinth Flowered —Twelve choice colors	30
811.	Pansies —Large flowered, spotted, twelve distinct varieties	1 00
812.	Phlox Drummondii —Twelve varieties	50
813.	Phlox Drummondii —Six distinct varieties	30

No.		Price per Coll.
814.	Portulacca, Single —Six distinct varieties, brilliant colors	\$0 30
815.	Poppy, Double or Pæony-flowered —Twelve superb varieties	30
816.	Stocks, Large Pyramidal Double —Ten weeks, 12 colors	50
817.	Stocks, Large flowered, Pyramidal Double —6 distinct colors	30
818.	Stocks, East Lothian, Double —6 distinct varieties	30
819.	Stocks, Giant Emperor, Double —Winter flowering, 6 colors	40
820.	Zinnias, Double —Six distinct varieties	40



OUR HOME GARDEN COLLECTION OF Hardy Roses

The Home Garden Collection of six Hardy Roses, contains, in our opinion the best six hardy varieties it is possible to obtain in that number, all being invaluable for garden planting. This is, we believe, the finest collection ever grouped in one offer and at such a low price. Space will not permit us to illustrate all of them, although each is worthy of it.

The great advantage of this offer is that you get combined in one Collection, Hybrid Perpetual, Climbing, New Sweet Briar and Moss Rose, without the expense of having to buy each one separately.

La France—Hardy hybrid perpetual, splendid satin pink, large and full, a constant bloomer, fragrant. Each 30c.

Baron de Bonstettin—Hardy hybrid perpetual, color dark velvety crimson, very double and a vigorous grower, fragrant. Each 30c.

Felicite Perpetue—Hardy Climber, evergreen, color creamy white, a beautiful rose, very double. Each 35c.

Crimson Rambler—A fast climber, hardy and very desirable, flowers grow in clusters. Each 40c.

Lady Penzance—Sweet Briar, soft copper color, base of petals yellow, very fragrant. Each 40c.

Salet—Moss, bright pink, bluish edge, very mossy. Each 40c.

SPECIAL OFFER—Our Home Garden Rose Collection one two year old bush of each kind for \$1.75.

For our Complete List of Roses see pages 74 and 75.

Reasons Why

**We Should
Supply You
with
Flower Seeds**

"The Best and Nothing but the Best" is our motto in buying and growing seeds, and this applies especially to flower seeds. We know all the flowers we offer, from practical experience of a lifetime, and we have furthermore, "kept up with the times" by extensive trials and frequent trips to the seed growing sections of Europe and the United States, so we are not only "posted" on *what* to buy, but also *where* to buy to the best advantage of our customers.

Our Packets are very Liberal in Size, containing in most cases more seeds than are needed for a home garden.

We Supply Florists Largely. Everyone knows that Florists who sow and cultivate seeds do it for a living, and can only use the best. Our sales to Florists increase from year to year, which is the best proof of the quality of our seeds. *You get the same quality* we sell to Florists, and that should convince you that it is **Simmers' Flower Seeds** you want for your garden.

There is Money for you in Flower Seeds, and it will pay you to secure your neighbor's orders. We make these **Liberal Discounts:**

CUSTOMERS SENDING

\$1.00	} MAY SELECT
2.00	
3.00	
4.00	

\$1.25	} Worth of Flower Seeds in <i>packets</i> , This discount, however, does not apply to seeds by weight or collections, nor does it apply to orders sent at different times during the season.
2.60	
4.00	
5.25	

Glorious flowers cater to the æsthetic sense just as much as to good paintings, and unlike the latter are in reach of all.

In ordering Flower Seeds the running number need only be given with the year of publication of this Catalogue.

Full Cultural Directions for Sowing are printed on each and every package.

ANNUALS grow, bloom and die the first year from Seed.

BIENNIALS bloom the second year from Seed, and then die, though many, if sown early in the Spring, will flower the first year.

PERENNIALS usually bloom the second year, from Seed, and continue to grow and bloom for many years. Some will bloom the first year, if sown early.

WHAT Is a PACKET of Seed ?

Those who purchase seeds by weight or measure can see readily whether the full quantity bought has been delivered. Thousands, however, requiring only a small supply of Vegetable or Flower Seeds, purchase "packets." **PACKET is an elastic term.** The quantity of seeds contained in a "packet" depends entirely upon the liberality of the seedsman.

In these "hard times" some dealers seek to draw trade by offering seeds seemingly very cheap at odd figures, such as 2c, 3c and 7c "per packet." Comparison of these so-called "**cheap seeds**" with the regular packets filled by us have shown that in quantity as well as **quality, OUR SEEDS ARE REALLY CHEAPER.**

A Select List of Flower Seeds Including all the Most Desirable

ABOBRA VIRIDIFLORA

1. An extremely pretty tuberous climber of the Gourd tribe, with handsome cut, glossy dark green foliage and small oval scarlet fruit, a perennial suitable for planting out during summer, forming beautiful garlands. The tubers have to be kept in a cellar or root house during winter. Per pkt 10c.

2. **ABRONIA UMBELLATA**—Handsome training annual for edging, pretty, pale rose flowers, similar to Verbenas. Per pkt 5c.

3. **ABUTILON (Flowering Maple)**—Very free blooming greenhouse shrubs, with handsomely varied and striped bell-shaped flowers; are very ornamental in flower beds. Will bloom the first season, when sown early, 2 to 6 feet. Per pkt 25c.

4. **ACACIA**—Decorative greenhouse shrubs with elegant foliage, flowers yellow, white or red, perennial. Mixed varieties. Pkt 10c.

5. **Acanthus Latifolius**—Stately foliage plants, suitable for specimens on lawns or in the borders, presenting a rich tropical effect. Half hardy perennial. Per pkt 5c.

6. **ARCHILLEA, Ptarmica**—Hardy perennial, with bright rose-colored double flowers. Per pkt 10c.

7. **ADLUMIA CIRRHOSA** (Mountain Fringe or Allegheny Vine) a beautiful, hardy, climbing perennial; flowers white with purple. Pkt 5c.

ADONIS

8. **Adonis Æstivalis (Flos Adonis)**—A pretty, hardy scarlet annual, 18 inches high, of easy culture, flowering from July to September. Per pkt 5c.

9. **Adonis Vernalis**—A hardy perennial variety of the preceding, one foot high, with showy yellow flowers. Per pkt 5c.

ACHIMENES

Splendid plants for the greenhouse or conservatory, flowers all shades of white, crimson, blue, etc., and afford a blaze of beauty the whole summer.

10. **Achimenes Hybrida.** Per pkt 25c.
" " **Bulbs.** Per doz 50c.

ACROCLINIUM

A beautiful class of half-hardy everlasting annuals, 1 ft high; graceful border plants.

1. **Roseum fl. pl.**—Double flowers. Per pkt 10c.
2. **Mixed**, rose and white. Per pkt 5c.

ACONITUM (Monkshood)

Showy hardy perennials, four feet high, growing in any good soil, even under the shade of trees.

3. **Napellus**—Bright blue and white flowers. Per pkt 5c.



Adonis Æstivalis (Flos Adonis), Scarlet. Pkt 5c.

AGATHÆA

14. **Blue Daisy or Marguerite** Hardy annual, blooming profusely with daisy-like flowers of a beautiful shade of blue, which contrasts finely with the golden-yellow centre, invaluable. Per pkt 10c.



Ageratum—Cope's Pet. Per pkt 10c.

AGERATUM

Very useful half-hardy annuals for borders and bouquets, flowers very regular, height one or two feet, except the Tom Thumb kinds, which are not over six inches in height; prevailing color, bright lavender blue.

- 15. **AGERATUM IMPERIALIS**—Dwarf white. Per pkt 10c.
- 16. **—Cope's Pet**—Lovely azure blue; eight inches high. Per pkt 10c.
- 17. **—Tom Thumb**—Large flowering rose. This beautiful variety forms bushy compact plants about 12 inches high, bearing large trusses of rose-colored flowers in such abundance as to almost cover the plant. Desirable for pot culture, or as a basket or vase plant. Per pkt 10c.
- 18. **—Mexicanum**—Lavender blue. Per pkt 5c.
- 19. **—Mexicanum**—White. Per pkt 5c.

AGROSTEMMA (Crown of the Field)

Free-flowering hardy annuals or perennials; flowers pink, in different shades; very pretty, like single pinks; height one to two feet; time of flowering from June to August.

- 20. **Agrostemma Cœli Rosa** (Rose of Heaven), annual. Per pkt 5c.
- 21. **—Hybrida Splendens** (Rose Champion), deep crimson. Per pkt 5c.

AMMOBIUM (Winged Ammobium)

- 22. **Alatum Grandiflorum**—A half-hardy everlasting biennial, flowering the first year, double white with yellow centre. Per pkt 5c.

SIMMERS' SUPERB DOUBLE ASTERS



Truffaut's Paeony-Flowered Double Aster. Pkt 10c.

PÆONY-FLOWERED ASTERS (TRUFFAUT'S.)

One of the handsomest and most ornamental sorts. The plants, which are very vigorous, grow from 18 to 24 inches high; the flowers are borne on long, wiry stems and are very large, from 3 to 4 inches in diameter, very double, and in shape like a Paeony. The colors are both bright and delicate, and altogether this Aster is nearly perfection.

23. Glowing Crimson ...	10	27. Pure White	10
24. Dark Blue and White	10	28. Violet and White	10
25. Lilac Blue	10	29. Mixed Colors	10
26. Pale Red and White	10		

DWARF QUEEN ASTERS (The Finest Dwarf Aster).

This splendid Aster makes Dwarf bushy plants about 10 inches high, of compact habit of growth, producing a great number of double flowers.

30. White	pkt 10	31. Crimson	10
32. Mixed			10



Comet
Aster
Pkt 10c.

French, German and American Varieties

For beauty and variety of habit, form and color, the Aster stands unrivaled, and of all flowers is best adapted to gratify the taste and win the admiration of every lover of floral beauty. All the varieties require rich, light soil, and in dry, hot weather might be mulched with well-rotted manure and frequently supplied with manure water. They are hardy annuals, but may be sown in pots, or under glass, early, to have them flower sooner.

Collection of Truffaut's
Paeony-flowered Asters
12 colors, each 50c.

Collection of Improved
Victoria Asters, six
colors, each 30c.



Simmers' Improved Victoria Aster. Pkt 10c.

33. **ASTER. "Snow-ball" or Princess White.** This is the first variety of an entirely new class which may be best compared to Lilliput Dahlias. A single plant develops as many as 30 pure white flowers. Per pkt 10c, 3 for 25c.
34. **Harlequin Aster**—12 to 18 inches, branching freely into the form of a pyramid, and covered with a mass of bloom; the colors range through various tints of blue, purple and rose, while some of the florets are marked or splashed with white. Pkt 10c.
35. **"Triumph" Aster**—This is one of the most beautiful of all Dwarf Asters. Each plant forms an elegant bouquet of itself about 7 to 8 inches high, the individual flowers measuring from 2½ to 3 inches across, and are of the most faultless Paeony form. The color is a peculiarly rich and brilliant pure scarlet. It produces its flowers in great abundance, each plant bearing at least 30 to 40. Pkt 10c.
36. **The Yellow Aster**—In this we have the nearest approach to a yellow Aster, which has been so long sought after. Pkt 10c.
37. **Large Paeony-Flowered Robust Dwarf**—Most valuable, being constantly in growth, with handsome foliage and large, beautifully-formed flowers, brilliant colors, mixed. Pkt 10c.
38. **Queen of the Market**—Blooms three weeks earlier than other asters, of branching habit, excellent for growing under glass. 1 foot. Pkt 10c.

SIMMERS' IMPROVED VICTORIA ASTERS

Undoubtedly one of the most handsome Asters in cultivation, of which we have an excellent strain. Flowers very large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramidal form, 1½ feet high.

39. Pink	pkt 10c.	41. Purple	pkt 10c.
40. Scarlet	pkt 10c.	42. White	pkt 10c.
43. Finest Mixed ...	Pkt 10c, per oz \$2.50.		

COMET ASTERS

A handsome new and very distinct Aster, resembling the Japanese Chrysanthemum in shape of flowers; the petals are very long and beautifully curled, are of a lovely delicate pink, bordered with white, bright pink, light blue white borders and other colors.

44. Pink	pkt 10c.
45. Pink and White ..	" 10c.
46. Light Blue	" 10c.
47. Pure White	" 10c.
48. Mixed	" 10c.
	3 packets.. 25c.

JAPANESE ASTER

49. Entirely distinct and novel. Plants of pyramidal growth, about 18 inches high, bearing on long stems from 40 to 50 flowers, averaging 5 inches across, composed of wavy and twisted needle-shaped petals, making the flower free from the stiff and formal appearance usual to asters. (See cut.) We offer beautiful colors, mixed, per pkt 10c, 3 pkts 25c.



Japanese Aster. Pkt 10c, 3 for 25c.

ASTERS

SEMPLER'S BRANCHING

Sempler's Branching Asters, for size of bloom, freedom of flowering and other good qualities we have never seen equalled. The plants form strong, robust bushes about 2 feet high, bearing profusely on long, strong stems handsome chrysanthemum-like flowers, many being over 6 inches in diameter. The flowers have none of the stiffness usual to most Asters, making them particularly desirable as cut flowers. They come into flower from two to three weeks later than most sorts, filling the gap between the general run of Asters and chrysanthemums. We offer three distinct and beautiful colors:—

PURE WHITE	Per packet, 10c	1 packet each of the three colors 25 cents
SHELL PINK	" 10c	
LAVERENDER BLUE	" 10c	
MIXED COLORS	" 10c	

ASTER "MIGNON" mixed—This beautiful Aster has rapidly acquired general popularity. We have, it is true, succeeded in obtaining several new colors; but they show as yet such a tendency to vary that we are constrained to offer of them mixed seed only. It contains light blue, lilac, rose, carmine rose and crimson varieties in addition to the fine white one obtained by us several years back. Per pkt 15c, 2 pkts 25c.

Washington Needle, Light Purple—Fine variety, with needle-shaped, very double flowers, of 4 to 5 inches in diameter. Largest flower in existence. Per pkt 10c.

Washington—Pure white, flowers 4 to 5 inches in diameter and of perfect form, free bloomer. Per pkt 10c.

China—Double-quilled Chinese Aster; 1 to 2 ft; in variety mixed. Oz \$1, pkt 5c.

Vick's White Branching—This Aster is a strong grower of branching habit, and blooms later in the season than any other variety. The flowers are pure white, four inches and over in diameter, and borne on long stems. Pkt 10c.

Chrysanthemum Flowered Double Dwarf, of very compact growth; very abundant; later than other varieties, therefore valuable for succession, 1 foot, mixed colors. Pkt 10c.

Simmers' Excelsior Mixture of Tall Double Asters. This is a mixture of the most beautiful, striking and delicate colors of tall varieties selected from the cream of Truffaut's desirable sorts, and includes our best-named kinds. Like our other popular mixtures of Pansies, Nasturtiums, etc., we select the finest special colors for **Simmers' Excelsior Mixture of Tall Double Asters**, and the Aster lover will be astonished at the wide range of colors given in this truly Excelsior Strain. Pkt 10c, 3 pkts 25c, 1/2 oz 60c.

Simmers' Excelsior Mixture of Dwarf Asters. Many of our customers may find difficulty in choosing among the above strains of Dwarf Asters and where not desired for an even bed or border, we would recommend the planting of our **Excelsior Mixture**. It consists of the most distinct and lovely colors from all the above Dwarf Asters, and we guarantee it to give satisfaction. Pkt 10c, 3 pkts 25c.



Sempler's Branching Aster—Pkt 10c.

- | | |
|---|----|
| 62. Crown or Cockade —Large flowers with two colors, the centre being white; height 1 1/2 ft., varieties mixed | 10 |
| 63. Giant Emperor , beautiful class, large double flowers, varieties mixed | 10 |
| 64. Goliath White , vigorous growth, producing immensely large flowers, upwards of 5 in. diameter, so double as to appear in a sub-conical form, of a dazzling white color | 10 |
| 65. Hedgehog or Porcupine , quilled double Aster, the petals being sharply pointed, form of plant pyramidal, upright branched, variety of colors mixed | 10 |

ASTER SEED BY WEIGHT

Victoria —White, pink or crimson	Per one-eighth oz	50
" All colors mixed	"	40
Truffaut's —White, pink or scarlet	"	40
" All colors mixed	"	40
Dwarf Chrysanthemum-Flowered —		
All colors mixed	"	40

AMARANTHUS

Plants grown exclusively for their foliage and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equalled by any class of plants. They succeed in any soil.

Per packet

- | | |
|---|----|
| 66. Amaranthus Atropurpureus —Hardy annual, three feet in height, drooping flower plumes, heart shaped metallic-tinted leaves | 5 |
| 67. —Caudatus (Love Lies Bleeding)—Hardy popular annual, 2 feet in height | 5 |
| 68. Melancholicus Ruber —Half-hardy annual, 2 feet high, with rich, blood-red foliage | 5 |
| 69. —Monstrous (Prince of Wales Feather)—A hardy popular annual of pleasing effect, 2 feet in height | 5 |
| 70. Salicifolius (Fountain Plant)—2 to 3 feet in height, of branched and pyramidal growth | 5 |
| 71. —Salicifolius Henderi —3 to 5 feet high, forming a well-branched gracefully curved pyramid, with pendant foliage 12 inches in length | 10 |
| 72. —Tricolor (Joseph's Coat)—Half-hardy annual, 1 1/2 feet high, foliage beautifully marked, yellow, red and green, very showy | 5 |
| 73. —Tricolor Splendens —An improved variety of the preceding, the foliage being more distinctly marked | 5 |

ALOYSIA—(Lemon Scented Verbena).

1. A perennial, popular, deciduous greenhouse shrub known as the lemon-scented verbena, *Aloysia Citriodora* (*Verbena Citriodora*)... 10

ALYSSUM

Free flowering, pretty little plants for beds, edging or rock work. The annual variety blooms the whole summer, and the perennial is among our earliest and most attractive spring flowers.

- | | |
|--|----|
| 5. Sweet Alyssum —White fragrant flowers, hardy annuals, 6 inches. Per oz 30c | 5 |
| 6. Saxatile Compactum —Golden yellow, shining; hardy perennial, 1/2 foot high | 5 |
| 7. —Little Gem —Of dwarf, compact habit. 3 to 5 inches in height, each plant covering a circle 15 to 30 inches in diameter. Flowers when quite small, and is a solid mass of white bloom from spring till late autumn. Per oz 60c | 10 |

ALONSOA (Mask Flower)

Handsome, bedding plants, succeeding well in any garden soil, freely producing flowers of great brilliancy, half-hardy annual. Per pkt

- | | |
|--|---|
| 78. Warscewiczii —Bright scarlet flowers | 5 |
| 79. —Linifolia —Scarlet flowers, fine feathered foliage | 5 |

AMPELOPSIS

- | | |
|--|----|
| 80. Quinquifolia (Virginia Creeper)—One of the best climbing plants for permanent situations, as it is perfectly hardy, clinging to the sides of whatever it may be growing against by the rootlets which it throws out along the stems. Grows 50 to 100 feet high | 10 |
| 81. Ampelopsis Veitchii (sometimes called "Japanese Ivy" and "Boston Ivy")—It clings to stone work, trees, etc., and is a splendid plant for covering unsightly objects; it attains a height of 50 feet. Perfectly hardy. See Plant List for large, well-grown plants | 10 |

ANAGALLIS (Pimpernel)

Pretty little trailing, hardy annuals, flowering profusely in summer; used with advantage for small beds, edgings, rustic baskets, vases or rock work.

- | | |
|---|---|
| 82. Grandiflora —Scarlet, blue and carmine mixed | 5 |
|---|---|

ANCHUSA

Showy, hardy perennials, with intense blue flowers of the form of Forget-me-not, with clear white centre, continuing in bloom for a long time.

- | | |
|--|---|
| 83. Altissima —3 feet in height | 5 |
|--|---|

ANGELONIA

Pretty hot-house plant, with fine musk-like scent; suitable for windows.

- | | |
|-----------------------------------|----|
| 84. Floribunda Grandiflora | 15 |
|-----------------------------------|----|



Alyssum, Little Gem—Pkt 10c.



Antirrhinum, Tom Thumb. Pkt 5c.

Aquilegia (Columbine)

Highly ornamental, hardy perennials, combining at once flowers the most curious in form, with colors most striking and beautiful; height from 2 to 3 feet; seed germinates very slowly.

85. **Stellata**, fl., pl. star like double flowers, different colors, mixed, pkt 10c.
86. **Vulgaris**, fl., pl. double flowers, showy different colors, mixed, pkt 5c.

Arabis (Rock Cross)

Remarkably early flowering dwarf plants for rockeries, flower-beds, edgings, etc. Continues in bloom from early spring until frost sets in; seeds may be sown any time from April to September in the open ground, and succeed in any garden soil, height 9 inches, hardy perennial.

87. **Alpina**—Per pkt 10c.

Argemone (Prickly Poppy)

Showy, hardy annuals; flowers the shape of a single poppy; leaves bluish green with white veins, forming a pleasing contrast; of easy culture.

88. **Grandiflora**—Height 2 feet, large flowered. Per pkt 5c.
89. **Mexicana**—Showy yellow. Per pkt 5c.

Antirrhinum (Snapdragon)

One of the most showy and useful border plants. The more recently improved varieties of this valuable genus have large, finely-shaped flowers of the most brilliant colors, with beautifully marked throats; they succeed in any good garden soil, and are very effective in beds. Hardy perennials, blooming the first year from seed; 1 to 2 feet.

90. **Tall**, extra fine striped and plain varieties. Pkt 5c.
91. **Dwarf**, Extra Choice Mixed Colors. Per pkt 5c.

Aristolochia (Dutchman's Pipe)

92. **Bonplandi**—An exceedingly beautiful and interesting, rapid growing deciduous hardy perennial climber, flowers resembling a tobacco pipe. Per pkt 10c.

Armeria (Thrift, Sea Pink)

93. **Formosa Rosea**—Commonly known as Thrift; hardy perennial of low growth, rosy flowers of long duration, like Everlastings; the plants are the best for edging borders or rockeries. Pkt 10c.

Arabian Primrose (Summer Flowering)

94. **Arnebia Cornuta**—A charming annual, growing in bushy form about 2 feet high and about the same breadth. It blooms with unusual profusion during the whole summer, one plant often producing from 100 to 150 spikes of exceedingly beautiful flowers, over $\frac{1}{2}$ of an inch across, and of a rich primrose yellow, marked with five black spots; the spots change on the second day to a rich maroon, and on the third day vanish, leaving the flower a clear bright yellow. It is an excellent cut flower, the bloom remains fresh in water for 10 days. Highly effective when grown in masses. Per pkt 15c.

Artemisia

95. **Stelleriana**—Hardy, showy perennial, with beautiful silvery, large and gracefully cut leaves, of agreeable odor; a valuable bedding plant; flowers small. Per pkt 10c.

Asperula (Woodruff)

96. **Azurea Setosa**—A hardy annual of easy culture in any soil, and of most valuable qualities, with verbena-like umbels of azure blue flowers; height 1 foot. Pkt 5c.

97. **Odorata**—A hardy perennial, 1 foot in height, the small, star-like branches of fragrant white flowers appear in May and June. Pkt 10c.



Brachycome (Swan River Daisy). Pkt 5c.



Begonia, Vernon. Pkt 10c.

108. **VERNON**—The most useful and meritorious seed novelty introduced for years. Flowers of a brilliant orange carmine; foliage of a glossy red, growing more intense with the advancing season. It blooms profusely throughout the summer, and is destined to be a most popular bedder for parks and lawns, as well as highly satisfactory for pot culture. Per pkt 10c.

BELLFLOWER—(See Campanula).

BLEEDING HEART—(See Dielytra).

Bocconia

109. **Japonica**—A hardy, perennial foliage plant, of pleasing effect among shrubbery. 5 to 6 feet. Per pkt 5c.

Brachycome (Swan River Daisy)

- Neat. Dwarf, half hardy annual, 6 inches high, flowers similar to the Cinerarias.
110. **Iberidifolia**—Blue. Pkt 5c.
111. **White**—Per pkt 5c.

Browallia

112. **Elata**—Blue. Per pkt 5c.
113. **Elata**—White. Per pkt 5c.
114. **Rozlii**—Blue, yellow centre. Pkt 10c.
115. **Cacalia**—Mixed. Per pkt 5c.

116. **Calandrinia Grandiflora**—Deep pink. Pkt 5c.

Cactus

117. Sow seed in flower pot saucers filled with coarse sand and cover with glass. A better way is to set the saucer of seeds into a larger one containing water. Put the young seedlings into very small pots. Many varieties, extra choice mixed. Per pkt 10c.



Auricula Variegated Pkt 10c.

Auricula

98. **Variegated**—Very beautiful dwarf, hardy perennial, succeeds best in northern aspects not exposed to the sun; choice quality. Pkt 10c.

Balloon Vine (Love in a Puff)

99. A rapid growing, handsome summer climber, small white flowers; seed vessels resemble small balloons; 10 to 15 feet high. Pkt 5c.

Bartonia

100. **Aurea**, or Golden Bartonia—A favorite hardy annual, with showy, brilliant, yellow flowers, of easy culture. Per pkt 5c.

Beet

The ornamental-leaved Chilian Beets are among the most useful of the decorative foliage plants. For ribbon beds or groups they are very effective.

101. **Red Chilian**—Scarlet ribbed. Oz 15c, pkt 5c.
102. **Yellow Chilian**—Golden yellow. Oz 15c, pkt 5c.
103. **Dracena Leaved**—Brilliant dark red foliage. Pkt 5c.

Begonia

Plants may be had in flower the first season from seed grown in February or March in a temperature of 60°. Set out in beds as soon as the ground becomes warm. Keep tubers over winter in dry sand.

104. **Giant Single Tuberous Rooted**—Fines mixed varieties. Per pkt 25c.
105. **Giant Double Tuberous Rooted, Mixed**—On seed has been hybridized, using the most double flowers and handsome single varieties. Pkt 35c.
106. **Pearcel**—A magnificent tuberous variety bright golden color. Per pkt 25c.
107. **Rex Hybrids**—Ornamental leaved varieties. Per pkt 25c.



Begonia, Single, Tuberous Rooted. Pkt 25c.

BALSAMS

Balsams or Lady Slippers are old favorites with everyone, owing to their handsome double flowers, brilliant colors and stately growth. To produce very double flowers they must be transplanted in a rich soil, in a sunny position and frequently watered. Cutting out some of the side branches is also advisable, especially with the strong and bushy-growing varieties. Also called "Lady Slipper" and "Touch-Me-Not." In brilliancy of color, Balsams are equal to any class of flowers, and the easy mode of their cultivation renders them one of the most popular annuals in existence. They may be treated either as hardy or half-hardy annuals.

118. Simmers' Invincible Camellia Flowered, Double—Height 2 feet; flowers large, blotched with white like the Camellia, in variety of colors, mixed. Per pkt 10c, 3 pkts 25c, 1 oz 50c, oz \$2.00.

119. Dwarf Double—Not over 1 foot in height, flowering in such an abundant manner as to hide the leaves; quite distinct and true from seed. Pkt 10c.

120. Solferino Double, or Carnation Striped—Distinguished by the flowers be-

ing striped and streaked with lilac and scarlet on satin-white ground. Pkt 10c.

121. Camellia Flowered, Prefection White—(Queen's White), flowers pure white, of immense size and solidity. Per pkt 10c.

122. Victoria Double—Brilliant salmon-scarlet, finely spotted and streaked flowers on white ground, tall, very fine. Per pkt 10c.

Camellia Flowered Double—Collection of 10 very fine varieties, 50c.

CALENDULA (Pot Marigold)

A showy, free flowering genus of hardy annuals, producing a pretty effect on mixed borders, and growing freely on any soil.

123. Double Large Flowering Sulphur Yellow—New light yellow variety of this favorite annual, compact habit, large well-filled flowers. Pkt 10c, 3 for 25c.

124. Pongei fl. pl.—Double white. 2 feet high. Per pkt 5c.

125. Ranunculoides fl. pl.—Double flowering dwarf orange. Per pkt 5c.

126. Superba—Sulphur. Pkt 5c.

127. Meteor—Double striped, flowering, very commendable. Per pkt 5c, oz 20c.

CALCEOLARIA (Lady's Slipper)

A most magnificent, early flowering class of indoor or hardy greenhouse plants treated as biennials, with remarkably showy interesting flowers, mottled and spotted in endless varieties of shade.

128. Hybrida—This assortment is mostly made up of self colors, mixed. Pkt 25c.

129. Hybrida, Maculata—Variety of the preceding, with spotted or mottled flowers, highly improved. Per pkt 50c.

130. Hybrida, Shrubby—Or perennial, for bedding out during winter, bright yellow flowers. Per pkt 50c.



Calceolaria, Lady's Slipper
Pkts 25c and 50c.

CALIFORNIA GOLDEN BELLS

131. Emmanthe pendulifera—An annual bushy plant, 9 to 12 inches high, each branch is loaded with broadly bell-shaped pendulous of unwithering flowers, about 1/2 in. long, of creamy yellow color. The general effect of a branch is very suggestive of a long spike of Lily of the Valley, with large yellow bells, the foliage, however is pinnatifid. Pkt 10c.

CALLOPSIS OR CORREOPSIS

Showy, free flowering hardy annuals, indispensable in any collection, adapted for bouquets.

132. Tricolor—Very desirable hardy annual, 1 to 1 1/2 feet, yellow flowers, dark center. Pkt 5c.

133. Cardaminæfolia, Hybrida—Of more dwarfish habit than the preceding; dark brown. Per pkt 5c.

134. Golden Wave—Very showy sort, bright golden yellow flowers, dark center. Pkt 5c.

135. Correopsis Lanceolata, New Golden Correopsis—One of the finest hardy plants, large, showy, bright golden yellow flowers, freely produced on long stalks from June till frost, hardy perennial; 3 feet. Pkt 10c.

CALLIRRHÖE

136. Pedata—A half-hardy annual of the Mallow tribe, with large, deep rosy flowers, produced in abundance during the whole summer; of easy culture; height 2 feet. Pkt 5c.



"Cup and Saucer" Campanula—Pkt 10c.



Simmers' Invincible Camellia Flowered
Double Balsam—Pkt 10c.

CAMPANULA (Canterbury Bells)

Bellflowers, when well grown, are amongst the most attractive of hardy perennial plants, from the rich profusion of bell and saucer-shaped flowers in blue, white or flesh color.

137. Medium Mixed (Canterbury Bells)—2 ft. high, large, single, blue flowers. Pkt 5c.

138. Medium, fl. pl., Mixed—Double flowering variety of the preceding, constant from seed. Per pkt 10c.

139. Pyramidalis—3 to 5 ft. high, producing long spikes closely set with deep blue flowers. Pkt 10c.

140. Loreyi—A dwarf hardy annual, with deep blue flowers. Per pkt 10c.

141. Macrostylis—A hardy annual 15 in. high, forming a broad-headed bush, surmounted with cut-shaped flowers 1 1/2 in. across, violet purple upon white ground. Pkt 10c.

142. Cup and Saucer Campanula—One of the prettiest hardy perennial Campanulas, the flowers grow in the form of a cup and saucer, the colors are principally white and rose, and occasionally blue. Pkt 10c, 3 for 25c.

143. Striped Cup and Saucer—The bells average 3 in. in length, and the saucers 4 to 5 in. across, of a satiny lavender. Plants form perfect pyramids of bloom about 24 in. high, bearing frequently from 100 to 200 of these exquisite blossoms. Hardy biennial. Pkt 10c, 3 for 25c.



Calendula, Double Large Flowering
Sulphur Yellow—Pkt 10c.



Calliopsis Golden Wave—Pkt 5c.



Canary Creeper, or Canary Bird Flower.
Pkt 5c.

and produce fleshy roots which, if taken up and kept in a cellar, may be divided every spring and used like Dahlias for years.

153. **Crozy's New French, or Gladiolus Flowered**—This new and distinct class, of dwarf, compact habit, producing flowers similar to the Gladiolus, but excelling them in brilliancy, marking and variety of colors, embracing all shades. They are valuable for groups, solitary plants and for house decoration. They will bloom the first year from seed. Per pkt 10c, $\frac{1}{2}$ oz 20c.
154. **Madame Crozy**—Flowers of the largest size, of a dazzling scarlet bordered with golden yellow; very free flowering. Per pkt 10c, $\frac{1}{2}$ oz 30c.
155. **Florence Vaughan**—One of the finest red spotted yellow varieties. Per pkt 10c, $\frac{1}{2}$ oz 30c.
156. **Queen Charlotte**—Distinct and beautiful, brilliant orange-scarlet, wide margin of bright yellow. Per pkt 10c.
157. **Collection** of the above 3 varieties, 1 pkt each 25c.
158. **CHOICE MIXED**—Old varieties, red and green foliage. Pkt 5c.

Catchfly

159. A favorite hardy annual, one foot high, flowering freely, and suitable in any soil. Pink and white. Per pkt 10c.



Crozy's New Dwarf Large Flowering Mixed Canna—10c per pkt, 3 pkts for 25c.

CANARY CREEPER

(or Canary Bird Flower)

144. A well-known, pretty, favorite creeping annual, with bright yellow flowers shaped like a bird with partly extended wings, running up to 8 or more feet in height, in light, rich soil; it may be treated as a hardy or half-hardy annual. Per pkt 5c, oz 30c.

Candytuft

Hardy annual or perennial, yielding an abundance of fragrant flowers throughout the whole season in almost any soil or situation; it is a well-known favorite for beds, edgings, pots, borders, etc., deserving to be cultivated in every garden.

145. **Empress**—One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of a very branching habit, and when fully grown and covered with its large trusses of pure white flowers, resembles a floral candelabra. Do not sow too thickly. Per pkt 10c, 3 pkts for 25c, $\frac{1}{2}$ oz 30c.
146. **Candytuft, Scarlet**—One foot high. Pkt 5c.
147. **Purple**—One foot high. Per pkt 5c.
148. **White Rocket**—Per pkt 5c, $\frac{1}{2}$ oz 15c.
149. **Snowflake White**—1 foot high. Pkt 5c, oz 25c.
150. **Dwarf Tom Thumb, White**—Sweet scented flowers nine inches high. Per pkt 5c.
151. **Mixed**—All colors. Per pkt 5c, $\frac{1}{2}$ oz 15c.
152. **Perennial (Iberis Tenoreana)**—A half-hardy, perennial shrub, 1 foot high, white fragrant flowers, for indoor culture. Per pkt 10c.

Canna (or Indian Shot)

Very stately and highly ornamental plants, with large broad, massive foliage and rich crimson, scarlet or yellow flowers. When planted in groups or masses they impart a tropical aspect to the garden. They are half-hardy, and should be divided every spring and used like



Empress Candytuft. Pkt 10c.

Castor Oil Bean (Palma Christi)

Most favorite stately growing hardy annuals; from their tall growth and fine foliage well suited for decorating shrubberies or lawns.

160. **ZANZIBAR CASTOR BEAN**—A new form of Ricinus, of short-jointed stout growth and extraordinary large leaves, which are produced in such abundance that the plant is a perfect pyramid of beautiful foliage. The most Tropical and ornamental Castor Bean yet introduced. The seeds, which are of extraordinary size, are beautifully mottled and speckled, and show various colors; White, pink, black, crimson, etc. The seeds are as beautiful to look at as are many flowers. They are sure to please all. Per pkt 10c, oz 20c, $\frac{1}{2}$ lb 50c.
161. **Cambogiensis** (Cambodian Palma Christi)—They grow from six to eight feet high in a few weeks from time of planting, with large, palm-like leaves of a bronzy red maroon color, with large red veins. The leaf, stems and younger growth are of rich, reddish brown, while the main stem or trunk is of ebony black, the foliage in the sunlight glitters as if highly burnished. Price per pkt 10c, oz 35c.
162. **Borbonienseis Arboreus**—Immense green foliage. 15 feet. Pkt 5c, oz 30c.
163. **Gibsoni**—Dark purple stems and leaves, 5 feet. Per pkt 5c, oz. 30c.
164. **Sanguineus**—A distinct variety with beautiful, brownish-red foliage and bright seed pods; very effective, 6 ft. high. Pkt 10c, oz 30c.
165. **Mixed**—In many sorts. Per pkt 5c, oz 20c.

Centrosema

Grandiflora

166. A perfectly hardy perennial vine of rare beauty; which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers ranging in color from a rosy violet to a reddish purple with a broad feathery white marking thro' the centre, the buds and back of the flowers being pure white. Per pkt 10c.



Ricinus Zanzibarensis—Pkt 10c, 3 for 25c.

Examine our list of Novelties and specialties in Flower Seeds on Colored Pages. You will be sure to find something to add to your order.

REMEMBER

WHEN ASKED FOR
Wegive a copy of "Simmers'
Vegetable and Flower
Garden," with every Dol-
lar's Worth ordered.

Simmers' Carnations

A magnificent genus of hardy popular perennials, with deliciously fragrant flowers of most brilliantly variegated colors.

167. **Extra Choice Double**—Mixed, saved from a rich collection of named flowers, which will produce splendid varieties. Per pkt 25c.

168. **Fine Double**—Mixed, sweet scented sorts. Pkt 10c.

169. **Remontant, Perpetual Flowering or Tree**—Flowering almost constantly during the year, and in winter if kept indoors. Seeds from extra choice double flowers. Per pkt 25c.

170. **Early Dwarf Grenadin**—For yielding a quantity of double flowers for cutting there is no carnation that can equal it. It will live through the winter with very little protection, being one of our hardest sorts. Flowers salmon-red and sweet scented. Pkt 10c.

171. **Marguerite**—Plants are of dwarf, compact and neat habit, branching closely above the ground, and do not require any support. They flower most abundantly, and throughout the whole year. Eighty per cent. of the flowers are very double, never burst, and embrace a great variety of colors. The seedlings bloom in four months from planting, and by making repeated plantings flowers may be had all winter. Per pkt 10c, 3 for 25c, 7 for 50c.

For Carnation plants, see under Plants.



Cineraria Hybrida Grandiflora Maxima

CHRYSANTHEMUM (Annual Summer Flowering)

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer flowering border plants; good for pot culture, and quite distinct from the autumn-flowering varieties.

172. **Coronarum**—2 ft. double white and yellow mixed. Pkt 5c.

173. **Single Mixed**—1 to 2 feet. Per pkt 5c, oz 80c.

174. **Eclipse**—Pure golden, with bright purplish scarlet ring on ray floret; disc is brown. Per pkt 10c, 3 for 25c.

175. **Dunnetti**—Three-colored flowers, very pretty. Per pkt 5c.

176. **Grandiflorum Frutescens**—("The Marguerite" or "Paris Daisy"). It produces freely white star-like flowers. Pkt 10c, 3 pkts for 25c.

177. **Inodorum Plenissimum**—Double, snow-white, very free flowering and fine for cutting. A perennial flowering the first year from seed. Pkt 10c.

178. **Japanese Hybrids**—The seed here offered has been saved from a magnificent collection, from blooms that have been carefully crossed, and may be expected to produce some rare novelties in this popular flower. Chrysanthemum seed grown in spring will produce vigorous flowering plants by fall, and do better than old plants. Per pkt 25c.

CLEOME (Spiderwort)

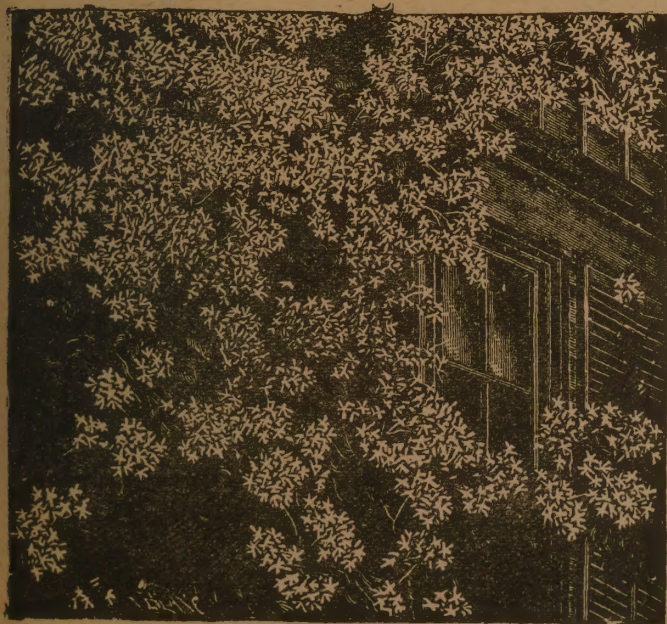
Very pretty half-hardy fragrant annuals, 2 ft. high, flowers somewhat resemble a spider.

179. **Purpurea**—Purplish blue flowers. Pkt 5c.

180. **Pungens** (*Giant Spider Plant*). A showy robust growing plant, 4 to 5 ft. high, producing long curious spikes of flowers of a bright rose color. Pkt 10c.

CENTRANTHUS

181. **Macrosiphon**—Showy, low growing, hardy annuals, suitable for any ordinary garden soil. Pink flowers, 1 foot. Pkt 5c.



Clematis Paniculata—Pkt 10c, 3 pkts 25c.

CLARKIA

A genus of hardy annual plants of great elegance and beauty, succeeding well in any soil, and flowering freely in many shades of color.

182. **Mrs. Langtry**—A beautiful form of Clarkia. The petals have a even edge, the color of the flower being purest white, with an evenly defined disc or centre of carmine crimson. Pkt 10c.

183. **Double and Single Varieties**—Mixed. Per pkt 5c.

CLEMATIS (Virgin's Bower)

These hardy perennials are most rapid growing climbers, producing an abundance of interesting, sweet-scented and showy flowers.

184. **Flammula**—Sweet-scented white flowers. Per pkt 5c.

185. **Jackmanii**—Rapid climber, with intense deep violet purple flowers of large size. Pkt 10c.

186. **Paniculata** (*Japanese Virgin's Bower*)—This is one of the few really good hardy climbers, and has so many merits, that we have decided to bring it prominently to the notice of our customers. Unlike other sorts, it grows easily from seed, and sown early, will flower the first year. The leaves are of a bright, glossy green, it is never troubled with insect pests, and when in bloom astonishes with the quantity of flowers, the plant being completely hidden beneath a blanket of white hawthorne-scented blossoms. (See cut). Pkt 10c, 3 pkts 25c.

CINERARIA

Hybrida or Flowering Varieties—A popular class, mostly indoor or greenhouse plants, yielding abundance of bright-tinted flowers early in spring in great variety of shades. Cinerarias grown from our strain of seed have been greatly admired on account of their large flowers and distinct colors.

Our strain of Cineraria cannot be surpassed either for size of flowers or beauty of color, many of the blooms measuring 2½ inches in diameter. We have received very flattering reports from florists and private gardeners of their success with our Cineraria seed. All desiring the best should procure our strain.

187. **Hybrida**—Extra selected mixture. Per pkt 25c.

188. **Hyrida Grandiflora Maxima**—Mixed. Per pkt 50c.

189. **Hybrida, double flowered**—Representing every shade of color; unquestionably one of the best of recent introduction. Per pkt 50c.

BEDDING CINERARIAS

190. **Maritima**—A hardy perennial, extensively used for bedding purposes on account of the silvery, finely fringed foliage. Per pkt 5c.

191. **Acanthifolia**—Slivery leaves, beautifully cut, 1 foot high. Pkt 10c.

CERASTIUM (Snow in Summer)

192. **Biebersteini**—One of the prettiest hardy perennial plants ever known for bedding out or ribboning, being of dwarf growth, densely branching with leaves covered with a cottony down of snowy whiteness, and producing a profusion of elegant white flowers, 6 inches high. Per pkt 10c.

CITRUS (Lemon Tree)

193. **Myrtifolius sinensis**—Myrtle leaved. A most appropriate plant for indoor or parlor culture, growing easily under ordinary care and producing in time most beautifully fragrant flowers. Per pkt 10c.



Chrysanthemum, Double Yellow and White—Pkt 5c.



Marguerite Centaurea. Pkt 10c.

198. **Depressa**—Deep blue flowers, 1 foot high. Per pkt 5c.

199. **Double**—We are satisfied that this new introduction will meet with a hearty welcome. In addition to the doubleness of the flower, this strain contains a number of new shades. Pkt 5c.

200. **Cyanus** (Blue Bottle)—Different shades of colors, mixed, 2 feet high. Per pkt 5c.

201. **Suaveolens** (Sweet Sultan)—Bright golden yellow flowers, height 1½ feet. Per pkt 5c.

CENTAUREA OR DUSTY MILLER—White leaved. The following are beautiful hardy perennial plants with silvery leaves of dwarf growth, useful for bedding, and treated as annuals if sold early in the spring.

202. **Candidissima, Compacta**—Pkt 10c. 1000 seeds 75c.

203. **Gymnocarpa**—Pkt 10c, per 1000 seeds \$1.00.

Clanthus (Glory Pea of Australia)

204. A splendid half-hardy shrub, 2 feet high, with large, rich crimson shaded clusters of pea flowers, shaped like parrot bills. If sown early will flower outdoors the first year. Pkt 25c.

Clintonia

205. **Pulchella**—Elegant tiny, half-hardy annual, 6 to 8 inches high, sky-blue flowers, with white centre. Best grown in pots or in hanging baskets. Pkt 10c.

Cobæa

Elegant rapid-growing climbers, 20 to 30 ft. high that can be grown in the greenhouse or conservatory, or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc. Flowers large and bell-shaped.

206. **Scandens**—Large, bell-shaped purple flowers. Per pkt 10c, ¼ oz 20c.

207. **Scandens Alba**—Pure white. Per pkt 10c.



Celosia "Ostrich Feather." Pkt 10c.

Centaurea

(Corn Flower, or Bachelor's Button)

Showy, free flowering, hardy annuals, succeeding well in any kind of soil.

Marguerite Centaurea

194. This beautiful new annual comes to us from Italy, where it has been grown for a few years and was named after the Queen. It is the handsomest *Centaurea* known and should be planted in every garden. The plants grow about fifteen inches high and are of the easiest culture. The flowers are of the purest white, exquisitely fragrant, and are produced in great abundance. Having long stems, it is valuable both as a cut flower and for decorative purposes. Pkt 10c, 3 pkts 25c.

Centaurea Odorata Chameleon

195. A splendid companion to our lovely *Centaurea Margaret*. Its flowers are large, sweet-scented, and of a pale sulphur-yellow, changing gradually into creamy white with purple shadings and again into pink. A remarkable and unique sort. Prefers a dry, sunny and airy situation. Pkt 10c, 3 for 25c.

196. **Odorata (Mixed)**—Habit same as the preceding varieties, with a selection of finest mixed colors. Pkt 10c.

197. **AMERICANA**—Lilac flowers, 3 feet high. Per pkt 5c.



Cobæa Scandens. Pkt 10c.

215. **Japonica, (Japanese Cockscomb)**—Plants 2½ feet in height, dark red foliage and stem, purplish scarlet head. Per pkt 10c.

216. **Feathered or Ostrich Plume Varieties in Finest Mixtures**—This Feathered *Celosia* produces very large plumes which are exquisitely curved and curled in exact resemblance of an ostrich feather. The plant grows about 3 feet high, is of handsome pyramidal form, and the numerous massive plumes waving gracefully above the foliage make it one of the most effective ornamental plants for either pot or outdoor culture. It is of easy cultivation, requiring the same treatment as the ordinary Cockscomb. Per pkt 10c.

217. **"Golden Yellow" Branched Cockscomb** (*Celosia Japonica aurea*)—In habit this is the same as the favorite crimson variety, forming a pyramidal branched plant about 2 feet high, each branch being surmounted with finely ruffled comb, bright golden yellow. Pkt 10c.

Collomia

218. **Coccinea**—A hardy annual, about 18 inches high, scarlet flowers, neat in bouquets, grown in any light soil. Pkt 5c.

Convolvulus (Dwarf Morning Glory)

Very popular hardy trailing annuals, flowering in different shades of brilliant blue and purple, with white centre, until late in autumn.

219. **Minor, Mixed**—Tricolor, sometimes striped sky-blue, white center, yellow eye. Per pkt 5c, oz 25c.

220. **Double Flowering**—Flowers variegated, semi-double, but not very constant from seed. Pkt 5c.

221. **Mauritanicus**—A hardy trailing perennial with sky-blue flowers 1½ inches in diameter, suitable for hanging baskets. Pkt 10c.



Centaurea Cyanus, Cornflower. Pkt 5c.

Coccinea Indica

(Or Scarlet Fruited Ivy Leaved Climber)

208. This is a remarkably pretty climber, foliage ivy-like bright and luxuriant, never troubled with insects, and admirably adapted for trellises, arbors, etc. The small flowers are soon followed by numerous fruits 2 inches long, which turn to brilliant scarlet spotted with white. Half-hardy perennial—10 feet. Pkt 10c.

Collinsia

209. **Bicolor, Mixed**—Very neat hardy annuals, foot high, growing in any light soil. Flowers purple, lilac and white spotted. Per pkt 5c.

Coleus

210. **Hybridus**—Beautiful ornamental foliage plants both for hot house and bedding out during summer; the broad oblong leaves being of a deep crimson brown color, edged with green, yellow or salmon color, or mottled in a most picturesque manner. Simmers' finest mixture. Per pkt 25c.

Columbine (See *Aquilegia*)

Commelina

211. **Cælestis**—A pretty biennial, of easy culture and of low growth; flowers bright sky blue. Per pkt 5c.

Cockscomb (or *Celosia*)

Splendid half-hardy annuals, generally known. To grow them to perfection they should be planted in the richest compost, in a sheltered position, and attention paid to removing all side branches when very young, so as to produce one strong head.

212. **CRISTATA, Giant**—Mixed colors. Per pkt 5c.

213. **Dwarf**—Mixed colors. Per pkt 10c.

214. **President Thiers, Glasgow Prize or Tom Thumb**—A fine dwarf variety, with dark leaves and crimson combs. Per pkt 10c, 3 for 25c.



Dwarf Cockscomb. Pkt 10c.

**Cyclamen Persicum Giganteum**—Pkt 10c.**Cuphea (Cigar Plant)**

Remarkable for their beauty, freedom of blossom and ornamental appearance both in the greenhouse and in the arbor; admirably adapted for pot culture for blooming in winter.

228. **Platycentra** (Cigar Flower)—One foot high, intense scarlet flowers. Per pkt 10c.

229. **Rozellii**—Three feet high, brilliant scarlet flowers, blooming in winter. Per pkt 10c.

Cyclamen

230. **Persicum Giganteum**—A graceful, tuberous greenhouse or parlor plant, with beautiful deep pink or white fragrant flowers. Finest mixed colors. Per pkt 10c, 3 pkts 25c.

Cyclanthera

231. —**Explodens**—Fast growing, hardy annual climber, fringed foliage, oval shaped fruit. Pkt 5c.

Cyperus (Umbrella Plant)

232. **Alternifolius Variegatus**—A handsome foliage plant for the greenhouse or open ground; resembles an open umbrella frame. Pkt 10c.

Cypress Vine (Ipomœa)

233. **Cypress Vine** (*Ipomœa quomoclit*)—A beautiful scarlet or white flowering climber. Per pkt 5c.

Dahlia

It is strange how few people know that Dahlias can be raised from seed and bloom the first year. The seed we offer is saved from the choicest varieties only, and if sown early will bloom profusely all summer.

**Digitalis, or Fox Glove**—Pkt 5c.**Cosmos**

This plant for fall blooming has no superior. Sow in April or May and transplant to open ground. From September till November they will be covered with hundreds of blossoms three inches across, resembling single Dahlias. Planted in pots and brought inside to flower like Chrysanthemums they are grand. Colors, from pure white to purplish-crimson. Foliage and flowers are unsurpassed for bouquets and vases.

222. **Mammoth Fine Mixed**—Per pkt 10c, 3 for 25c.

223. **Pure White "Pearl"**—Per pkt 10c.

Cowslip

224. **Primula Veris**—A well-known, hardy, early-flowering perennial, appropriate for edging borders; flowers bright yellow and fragrant. Pkt 5c.

225. **Giant American Cowslip** (*Dodecatheon Clevelandi*)—It throws up stems of flowers fully 1 foot high, each surmounted by 6 to 10 large, beautiful, cyclamen-like flowers of violet blue, with yellow and black centre. It is perfectly hardy and a beautiful plant for partially shaded situations. Pkt 25c.

Cucumis

226. **Flexuosus** (Snake Cucumber)—Fruit resembling a long green snake, upwards of seven feet in length, a great curiosity. Per pkt 5c.

227. **Perennis, or Perennial Gourd**—A rapid growing, half-hardy perennial climber, handsome fruit. Per pkt 10c.

**Simmers' Mammoth Daisies**

234. **Best Double Mixed**—Per pkt 10c, 3 pkts 25c.

235. **Dwarf or Lilliput Mixed**—Per pkt 10c.

236. **Single Mixed**—Per pkt 10c.

For DAHLIA ROOTS see under Bulbs

Didiscus

237. **Cœruleus**—A half-hardy annual, 2 feet high, delicately formed foliage and sky-blue flowers in umbels, very useful in bouquets. Per pkt 5c.

Dielytra

238. **Spectabilis** (Bleeding Heart)—A beautiful hardy perennial, 2 to 3 feet high, feathered foliage, flowers lovely pink, drooping, heart-shaped, in numbers on slender stems. Per pkt 10c.

Dolichos (Egyptian or Hyacinth Bean)

239. **Giganteus**—A favorite, hardy annual climber, of rapid growth, bearing large clusters of showy, fragrant flowers, the seed pods in form of beans, deep purplish-blue colored. Per pkt 5c.

Dracena or Club Palm

Palm like plants, indispensable for decoration.

240. **Indivisa**—Grows easily from seed. Per pkt 10c.

Dracocephalum (Dragon's Head)

241. **Moldavicum**—Annual, 2 feet high, blue flowers. Desirable hardy annual plants of low growth, of quite an agreeable fragrance, easily grown from seeds. Per pkt 5c.

Double Daisy (Bellis Perennis)

242. **Simmers' Mammoth Daisies**—The Double German Daisy is one of the prettiest dwarf hardy perennials in cultivation. It flowers the first year from being sown; seeds from the finest double sorts. Per pkt 10c.

243. **Pure White**—Double, valuable for florists. Per pkt 10c.

244. **Longfellow**—Fine large flowering, dark rose flowers. Per pkt 10c.

245. **New Snowball Daisy**—A sport of that charming variety Longfellow, which possesses the good qualities of its parents; long stem, free bloom and large double flowers, about 80 per cent. of which are extremely large and snowy white, justifying its name. Per pkt 15c.

Dictamnus

Very pretty hardy perennials; the leaves have a pleasant smell like lemon peel when rubbed.

246. **Fraxinella, or Gas Plant**—The ordinary purplish pink form, while not showy, is stately, and the white variety is really handsome. It has strong, fresh, pleasant lemon perfume, particularly so when you rub the flowers. Per pkt 10c.

247. **Fraxinella Alba**—White flowers. Per pkt 5c.

Digitalis (Fox Glove or Witch's Finger)

Well known, showy, tall, hardy perennials, with large spikes of beautiful bell-shaped flowers in different shades of purple and pink and white; height about 3 feet.

248. **Monstrosa Purpurea** (Mammoth Foxglove)—The largest and best type, all colors, mixed. Per pkt 5c.

249. **Gloxinaeflora**—Large flower spikes, beautifully spotted, mixed. Per pkt 10c.

Datura (Trumpet Flower)

This genus forms part of our most showy plants both with respect to flower and foliage; flowers are trumpet-shaped almost six inches in length and very fragrant; they are half-hardy annuals.

250. **Double Golden Queen**—Large double flowers of a deep golden yellow, delightfully fragrant. Per pkt 5c.

251. **Fastuosa Huberniana**—Mixed from large double flowers of various colors. Per pkt 5c.

252. **Arborea Simplex** (*Brugmansia*)—Large, single, trumpet-shaped, white fragrant flowers, about 12 inches long; plant out in May. Per pkt 10c.

253. **Cornucopia** (Horn of Plenty)—The plant is of robust habit, with thick, brownish-purple, shining stems; branches spreading 3 or 4 feet, with dark green large leaves. The grand trumpet-shaped flowers measure 7 to 9 inches in length, and 4 to 6 inches across, and are formed of three distinct trumpet flowers, growing each within the other; the mouth of the corolla is a delicate white, while the outside is richly marbled with purple. Per pkt 10c, 3 pkts 25c.

**Datura Cornucopia (Horn of Plenty)**—Pkt 10c.

DELPHINIUM (Larkspur)

All Larkspurs, whether of hardy annual or hardy perennial nature are remarkable for their great beauty, diversity of shades and high decorative qualities. They also differ greatly in their habit of growth, some producing magnificent spikes of flowers, others again being dwarf and completely covered with flowers. Sow the seed early, and they bloom freely the first year.

254. **Rocket Ajacis, fl. pl., Double**, 2 feet high, with long spikes of various shaped flowers. Per pkt 5c.
255. **Double Hyacinthiflorum**—Hyacinth flowered, 1½ feet high, more compact in growth, flowers as fine as the preceding. Per pkt 5c.
256. **Emperor**—Of symmetrical bushy habit, with a profusion of brilliant dark blue, red-striped and tri-colored flowers. Per pkt 5c.
257. **Double stock-flowered**—The flowers, of a fiery carmine, are of great effect, and their principal merit consists in keeping their bright color even in a dry state. Per pkt 10c.
258. **Consolida Candelabrum, fl. pl.**—Double branching, of compact branching pyramidal growth, 1 foot high; flowers in many colors; appearing in abundance in a candelabra-like outline. Per pkt 10c.

HARDY PERENNIAL VARIETIES

259. **Cashmerianum**—A beautiful dark blue; blooms in corymbs of 6 or more; 15 in. Pkt 10c.
260. **Formosum**—2 feet high; flowers in large spikes of exquisite blue and white. Per pkt 5c.
261. **Nudicaule**—Of dwarf compact growth, producing flowers varying in color from light scarlet to crimson. Per pkt 15c.
262. **Sinense**—2 feet high, flowering in loose clusters, sky blue white or pink; excellent for bouquets. Per pkt 5c.

DIANTHUS—PINKS

A magnificent genus, combining some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials and Japanese varieties bloom the first season, the same as hardy annuals, height one foot. The hardy perennial varieties are very fragrant and of easy culture in the garden or greenhouse.

SINGLE ANNUAL VARIETIES

263. **Crimson Belle**—Very fine, large rich crimson flowers. Per pkt 10c.
264. **Eastern Queen**—Beautifully marbled, with broad bands of reddish lake upon petals. Most valuable. Per pkt 10c.
265. **SALMON QUEEN**—Its flowers are of a very distinct and perfectly new tint in this class. They are of the most brilliant salmon color imaginable, changing into a salmon-rose when fading. The flowers are well formed and nicely fringed. The plants attain a height of 10 to 12 inches, like the other varieties of Dianthus Heddewigii. Per pkt 10c, 3 pkts for 25c.

268. **White Frill, or Mourning Cloak**—Double flowers of large size, rich and unique colors: rich purple maroon, almost velvet black, and sharply edged with clear white, making a striking and beautiful contrast. Per pkt 10c.

269. **Coronatus, fl. pl.**—Carnation striped, double China Pink. Per pkt 10c.

270. **Sinensis, Heddewigii, fl. pl. (Japan Pink)**—Robust, growing exceedingly large, distinct showy flowers. Per pkt 5c.
271. **Heddewigii Albus Grandiflorus, fl. pl.**—Very large double white flowers. Per pkt 10c.
272. **Laciniatus, fl. pl.**—Very large double fringed flowers. Per pkt 10c.
273. **Coronatus Heddewigii Diadematus, fl. pl. (Double Diadem Japan Pink)**—Extremely double, large flowering, beautiful shades. Per pkt 10c.

HARDY PERENNIAL VARIETIES

274. **Harlequin**—Large heads of flowers, from 4 to 5 inches across, each being composed of different colored florets, such as dark crimson, white, pink, flesh, striped, etc., etc. These colors bring out a richness and vividness of coloring that we have never before seen equalled. Per pkt 10c.
275. **Barbatus (Sweet William)**—1 ft. high, fine variety of colors, single, mixed. Per pkt 5c.
276. **Barbatus, fl. pl., Double Flowering Sweet William**—Brilliant variety, mixed. Pkt 10c.
277. **Plumarius, fl. pl.**—Double flowered, pheasant-eyed, pink, exquisitely fragrant. Pkt 10c.
278. **Superbus Nanus**—Double white dwarf, an excellent and profitable variety for florists and for bedding out. Per pkt 10c.
279. **Pruinosus**—A hybrid of Sweet William, its flowers and growth being in every respect of unusually large dimensions. Per pkt 10c.
280. **Collection**—10 distinct varieties of Dianthus 75c.



Perennial Larkspur



Annual Larkspur

DOUBLE ANNUAL VARIETIES

266. **Imperialis, fl. pl. (Double Imperial Pink)**—About 6 inches high, in great variety of shades. Per pkt 5c, oz 75c.
267. **Chinensis, fl. pl. (Double China or Indian Pink)**—About 12 inches high, of robust growth, extra double flowers, in great variety. Per pkt 5c, oz 50c.



Dianthus Crimson Belle and Eastern Queen. Pkt 10c each.



Dianthus Heddewigii, fl. pl., or Double Japan Pink. Pkt 5c.



Dianthus Laciniatus, fl. pl. Pkt 10c.



Single Sweet William. Pkt 5c.

Elichrysum (Everlastings)

Per pkt.

281. **Brachyrrhynchum** (Golden Ball)—1 ft. high, bright yellow flowers 10
 282. **Bracteatum** (Snowball)... 5 | 283. **Bracteatum** (Fireball)... 5
 284. **Compositum Minimum**—Dwarf, mixed, quite distinct... 5
 285. **Monstrosum**, fl. pl.—3 ft. high, double, mixed... 5

Eschscholtzia (California Poppy)

Very showy hardy annuals flowering abundantly until very late in autumn, similar to poppies; of dwarf growth; succeeding in any soil. Pkt.

286. **Californica**—Orange... 5 | 287. **Rose colored**... 5
 288. **White**... 5
 289. **Mandarin**—Brilliant scarlet, distinct... 10

Eccremocarpus (Calampelis)

290. **Scaber**—A rapid growing tender annual, with pretty foliage and clusters of handsome scarlet flowers... 10

Erythrina (Coral Plant)

291. **Cryta Galli**—An ornamental, half-hardy perennial shrub, fine for outdoor summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers; 5 ft. high... 10

Echeveria

292. **Metallica**—A dwarf, succulent greenhouse perennial, for bedding out during summer, with broad, bronze fleshy leaves... 25

Erysimum (Hedge Mustard)

293. **Perofskianum**—A handsome free-flowering, hardy annual, 1 and 1½ ft. high, orange colored fragrant flowers, very showy... 10

Euphorbia (Snow on the Mountain)

294. **Variegata**—Half-hardy annual 1½ ft. high, showy, excellent for borders... 10
 295. **Heterophylla**—(The gorgeous Annual Poinsettia). "Mexican Fire Plant," or "Fire on the Mountain. Three pkts for 25c... 10

Everlastings, Mixed

296. A single pkt will supply a great variety of the most attractive Everlasting Flowers. No more welcome present can be given to a visitor than some of these imperishable flowers. Three pkts for 25c... 10
Everlasting Pea (See Lathyrus). **Evening Primrose** (See Enothera).

Ferns

297. To raise them from seed is very interesting; full directions are printed on the packages. A choice mixture of hardy kinds... 15
 Collection of **Ferns**, 12 varieties, \$1.50.

FEVERFEWS (See Matricaria). **Four O'Clocks** (See Marvel of Peru).

Fragaria

298. A yellow flowering half-hardy perennial, producing pretty scarlet but tasteless fruit in succession almost during the whole year; a desirable plant for hanging baskets. **Indica** (Indian Strawberry)... 10

Freesia

299. **Freesia, Refracta Alba**—Very easily grown bulbs, which can be readily produced from seed. The flowers are pure white, with yellow throat, and are exquisitely fragrant. Three pkts 25c, or... 10

Forget-Me-Not

Charming little hardy perennial plants, with an abundance of star-like little flowers, well adapted for small beds, hanging baskets and rockeries. Per pkt

300. **Alpine** (*Myosotis alpestris*)—4 ins. high, delicate sky-blue... 5
 301. **Victoria**—The flowers are large and of a bright azure blue, with yellow centres. The plants form neat bushes, completely covered with flowers; a valuable variety for cut flowers and pot culture 10
 302. **Semperflorens**—A charming dwarf Forget-Me-Not, continuing in bloom from early spring until autumn; blue; 8 inches... 10
 303. **Compact Blue**—9 in. high... 10
 304. **Dark Blue** (*azorica*)—Flowers half an inch across; rich turquoise blue, without eye... 10

305. **White Flowering**... 10
 306. **Clear Blue** (*dissitiflora*)—One of the best of all the Forget-Me-Nots. It is of a remarkably compact habit; profuse bloomer, having the appearance, when in full flower, of a sheet of exquisite blue... 10
 307. **Palustris**—Beautiful blue flowers, 1 ft.; suitable for swampy ground 5

Fuchsia 308. (Lady's Ear Drop). A pre-eminently beautiful popular greenhouse or parlor plant. Variegated mixed... 25

- Geranium** 309. **Zonale**—Scarlet sorts mixed... 10
 310. **Double, Mixed**—This seed will produce a large percentage of double flowers of extra fine colors... 25

311. **Apple-Scented**—This fragrant variety can only be grown from seed to form fine plants... 10
 312. **Pelargonium, Mixed**—From fancy and spotted varieties... 25

Gilia Hardy annual; very free flowering; suitable for sowing in masses

313. **Achillæfolia Rosea**—2 ft. high, rosy flowers... 5
 314. **Capitata**—2 ft., sky blue... 5
 315. **Tricolor**—1 ft., white, lilac and purple... 5

Gladiolus 316. **Gladiolus Gandavensis**—Mixed... 10

Flowering Bulbs of *Gladiolus* named Varieties and Mixtures are offered on page 67.

Gaillardia Truly elegant, half-hardy biennial plants, flowering the first year, or hardy perennials of dwarf habit and flowers of two or three striking colors, in form of Cockades.

317. **Picta Grandiflora**

The largest flowering variety of these popular annuals, very showy, many colors, mixed. Pkt 10c.

318. **Picta Lorenziana**

The ray and disc flowers of this new variety develop into tubular funnel-shaped florets one above another. Per pkt 10c.

319. **Gaillardia Hybrida Maxima**

These are the choicest of hardy perennials; flowers are large, numerous, excellent for cutting, and of brilliant shades of orange, crimson, scarlet and vermillion, and very often a combination of all these colors in one flower; many colors, mixed. Per pkt 10c.

Gamolepis

320. **Tagetes Pumila**—Half-hardy annual, 1 ft., feathered foliage and dark yellow flowers. Per pkt 10c.

Gentiana

321. **Acaulis**—Short-stemmed hardy perennials, much used for edging; flowers dark blue... 10

Glaucium (Horn Poppy)

322. **Corniculatum**—Ornamental, hardy, robust, perennial foliage plants, bordering... 10

Globe Amaranthus

Handsome favorite hardy everlasting annuals, flowering freely the whole summer.

323. **Globe Amaranthus**—(*Gomphrena Globosa*)—Bright purple flowers, 18 in. high... 5
 324. **White**... 5 | 325. **Variegated**... 5
 326. **Orange Yellow**... 5

Gloxinia (Hybrida Crassiflora)

Bulbous-rooted plant, producing in great profusion during summer months, large bell-shaped flowers of the richest and most beautiful variety of brilliant colors. The bulbs must be kept warm and dry during the winter; 1 foot.

327. **GRANDIFLORA**, with erect flowers—A mixture of the finest spotted and blotched varieties. Per pkt 25c.

Gloxinia Bulbs, splendid large flowering bulbs, sure to produce first-class bloom. Price per bulb 15c, 4 for 50c, \$1.50 per doz. postpaid.

Grevillea (Silk Oak)

328. **Robusta**—Very beautiful and graceful foliage; highly valued as a decorative plant for table and tropical lawn effects; tender perennial, 3 to 5 ft... 10

Godetia Ornamental hardy annuals, 2 feet, various shades of lilac and purple.

329. **Insignis**—Large flowered, mixed... 5
 330. **Lady Albemarle**—Crimson, edges of the petals suffused with pale lilac dwarf... 5
 331. **Lady Satin Rose**—Unequalled for brilliancy and richness of colors. The flowers are of a brilliant deep rosy pink. The surface shining like satin... 5
GOLDEN FEATHER (See Pyrethrum).

Grasses Ornamental

332. **Briza Maxima**... 5 | 336. **Lagurus Ovatus** (Hare's Tail Grass)... 5
 333. **Bromus Brizaeformis** (Brome Grass)... 5 | 337. **Stipa Pennata** (Feather Grass)... 10
 334. **Coix Lachrymae** (Job's Tear)... 10 | 338. **Ornamental Grasses**—Mixture... 10
 335. **Gynerium Argenteum** (Pampas Grass)... 10



Gaillardia Picta Grandiflora



Gloxinia

GOURDS (Ornamental).

- Per pkt
339. **Flat Corsican**—Fruit in form of flat bottles 5
340. **Dipper or Siphon**—A favorite variety 5
341. **Herculean Club**—Fruit like large clubs 5
342. **Bottle**—Resembling a large bottle 5
343. **Orange**—Fruit like an orange 5
344. **Pear**—Like a pear in shape 5
345. **Striped Flat**—Green striped, very pretty 5
346. **Nest-Egg**—Resembling an egg 10
347. **Serpent**—Fruit 5 to 6 feet in length, which when ripe becomes a brilliant carmine color 10
348. **Mixture** of most of the above 5
- Customers selection of six pkts 25c.**

Gypsophila Hardy annual or perennial plants of low growth, producing multitudes of tiny white flowers, extremely neat in bouquets.

349. **Elegans, Mixed**—Annual, 2 feet high 5
350. **Saxifraga**—Perennial, trailing, white flowers 5
351. **Paniculata**—White, fine for bouquets, perennial 5

Hedysarum 352. **Gyrans (The Telegraph Plant)**. Possesses the remarkable property of setting one or more leaves in motion for an indefinite time without any apparent cause. Per pkt 25c.

Helianthus or Sunflower

353. **Nanus fl. pl.**—A dwarf variety growing about 2½ feet high, flowers a very double, rich golden yellow, five to seven inches in diameter. Pkt 5c, oz 20c.



Ornamental Gourds

354. **Annus, fl. pl.**—Very tall, extra large, and very double flower. Pkt 5c, oz 20c.
355. **"Texas Silver Queen"**—It is at home in the south, where it attains a height of 10 feet, branching from the ground to the top, and forming a perfect pyramid with upwards of 100 flowers on the one plant. Pkt 10c, 3 for 25c.
356. **Cucumerifolius, Miniature Sunflower**—Small flowered, dwarf single sunflower. Rich yellow. An abundant bloomer. Pkt 5c.
357. **Oculatus, fl. pl.**—Very double, tall, yellow, green centre. Pkt 5c.
358. **Globosis Fistulosus**—Flowers immense, from 12 to 15 in. in diameter, globular, and extremely double, most effective of all annual Sunflowers. Pkt 5c, oz 15c.
359. **Multiflorus**—Hardy perennial, 5 to 6 feet high. Pkt 5c.
360. **Mammoth Russian**—As the name implies of gigantic dimensions both of flowers and stalk; seeds are used largely for chicken feed. Pkt 5c, ¼ lb 10c, lb 25c.

Heliotropium 361. **Peruvianum**—Popular indoor or greenhouse plants of low growth, with deliciously fragrant purplish-blue or lilac trusses of delicate flowers. Mixed. Pkt 10c.

Helipterum 362. **Sandfordii**—Pretty dwarf everlasting, with bright yellow globular clusters of flowers. h.h.a. Per pkt 10c.

Hesperis or Rocket (Dame's Violet) 363. **MATRONALIS**—Popular hardy, fragrant flowering perennials, 2 ft. high. Mixed colors. Pkt 5c.

Hibiscus A hardy, free flowering annual, 2 feet high, straw colored flowers, with prominent dark spots at the base, very desirable for mixed bed of flowers.

364. **Africanus (Calisurus)**. Pkt 5c.
365. **Syracius (Double Rose of Sharon)**—Striking ornament of the garden, white and purple. Pkt 10c.

366. **Crimson Eye**—Flowers of the largest size, pure white, with a large spot of velvety crimson in the centre of each flower; hardy perennial flowers the first year from seed if sown early. Pkt 10c.

HOPS 367. **Hops**—The old standard variety. Pkt 5c.

368. **Japanese Variegated**—We recommend this extremely handsome and distinct climbing vine as very valuable for trellises and high places. The leaves are strikingly variegated and marked; the first color is bright deep green distinctly marked and blotched with silvery white tinged with yellow; now and then a leaf will be almost snowy white, and another one, not far away, almost green. A superb, strong grower, 20 to 30 ft. in a few week's time; not injured by heat or insects. Pkt 10c, 3 for 25c.



Hibiscus, Crimson Eye

Japanese Variegated Hop.
Pkt 10c, 3 for 25c.Honesty 369. **Lunaria Rediviva**—

Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance; 2 feet high. Per pkt 10c.

Hyacinthus 370. **Candicans**

(Cape Hyacinth). A most beautiful autumn blooming plant for beds or lawn decoration, the flowers are fragrant, 1 to 2 in. across, creamy white, on spikes from 4 to 5 feet long, giving it the appearance of a most monstrous hyacinth, h.h.p., 4 to 6 feet. Pkt 10c.

Hyacinthus Candicans Bulbs—10c each; 3 for 20c, 75c per doz.

Humea 371. **Elegans**—

Red, 3 feet high. A remarkably handsome plant, invaluable for decorative purposes; in the centres of beds its majestic appearance renders it a most effective and striking object; half-hardy biennial. Pkt 10c.

Ice Plant A pretty little trailing plant, much used for garnishing, the leaves of which are covered with crystalline globules; half-hardy annual.

372. **Mesembryanthemum Crystallinum**—(Ice Plant). Pkt 5c.

373. **Tricolorum** (Dew or Wax Plant)—Small pink flowers. Pkt 5c.

374. **Cordifolium**—Heart-shaped, variegated leaves. Pkt 5c.

IPOMŒA (See Morning Glory and Cypress Vine).

Impatiens Sultana 375. (Zanzibar or Sultan's Balsam)—Of compact, neat habit, and almost a perpetual bloomer. Planted in open ground in June, it grows luxuriantly, flowers with the greatest profusion. The flowers are a brilliant rosy-scarlet, about 1½ inches in diameter. Pkt 15c.

Ipomopsis (Standing Cypress), Mixed colors, stems 2 feet high. Remarkably handsome, free flowering, half-hardy biennials for indoors, flowering the second year in different tints of bright orange scarlet.

376. **Elegans**—Pkt 5c.

Kalanchoe Carneia 377. This

beautiful decorative plant attains a height of about 18 inches and is of good bushy habit. The flowers are borne in large clusters, are of wax-like consistency, last a long time in perfection, are of a beautiful delicate pink color, and in addition are deliciously fragrant. Per pkt 20c.

Kaulfussia 378. **Ameloidea**—A pretty dwarf, hardy annual, 6 in. high, dark purple, daisy-like flowers, desirable for early summer flower beds. Pkt 5c.

Lantana Hybrida

Kochia 379. **Scoparia** (Belvidere, or Summer Cypress)—Rapid growing graceful plants for mixed borders. Yellow, hardy annual, 3 feet. Pkt 10c.

Lantana 380. **Hybrida**—Fine mixed. A rapid growing, constant flowering, indoor shrub, for bedding during summer, 3 feet; flowers in heads of yellow, pink, orange or changeable colors. Pkt 5c.

LARKSPUR (See Delphinium)

Lavatera 381. **Hybrida**—Handsome, free flowering, upright growing hardy annual, crimson rose flowers of the Mallow tribe. Pkt 5c.

Lavender 382. A hardy plant, bearing spikes of blue flowers, which are cut and dried for their fragrance; perennials, from 1 to 2 feet. Pkt 5c.

Layia 383. **Elegans**—A pretty and attractive little hardy annual, for cut flower purposes. The rays of the flower-heads are bright yellow with white tips. The head is as broad as that of a Marguerite, but it is more bulky, while the rays are much wider and touch one another quite closely all round. Pkt 10c.

LEMON VERBENA (See Aloysia)

Lily of the Valley 384. **Convallaria Majalis**—Lovely little spring-blooming plants, bearing pure white, fragrant, bell-shaped flowers. Pkt 10c.

Where an attractive, ornamental climber is desired that will stand rough usage, we have nothing better than the Japanese Variegated Hop.

Miniature Sunflower
(Helianthus Cucumerifolius)

SIMMERS' SUPERB DOUBLE

Hollyhocks (ALTHÆA ROSEA)

One of our grandest summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 4 inches across. Hardy biennials, 5 to 8 feet high. The seed we offer has been saved from our unrivaled collection of choicest improved double varieties.

185. **CHATER'S EXTRA DOUBLE**—Most beautiful and true. Per pkt 15c.
 186. **Rosea, fl. pl.**—Tall, double Hollyhocks, from the best improved double varieties; various colors mixed. Per pkt 10c.
 187. **Double White**—Extra strain of perfectly double pure white flowers. Oz \$1.00, pkt 10c.



Chater's Extra Double Hollyhock. Pkt 15c.



Marvel of Peru. Pkt 5c.

188. **Double Yellow**—Comprising buff, straw color and orange shades. Per pkt 10c.
 189. **Bright Red**—Double. Per pkt 10c.
 190. **Bright Pink**—Double. Per pkt 10c.

Hollyhocks—Chater's Prize Collection, 12 distinct colors, 50 cents.

For Hollyhock plants to flower this year, see Plant List.

LOBELIA**Dwarf or Compact Varieties**

Little round compact plants, fine for edgings, ribbon beds, etc., 4 to 6 inches high.

1. **Prima Donna**—A charming novelty; in habit dwarf and compact, rich, velvety, crimson maroon flowers. Per pkt 10c, 3 for 25c.
 2. **Crystal Palace**—Dark blue, fine for beds. Pkt 10c.
 3. **White Gem**—Pure white, compact habit. Pkt 10c.
 4. **Emperor William**—Blue, white eyes. Pkt 10c.
 5. **Star of Ischl**—Azure blue, beautiful. Pkt 10c.

Trailing Varieties

Branching plants for hanging over vases and baskets, 6 to 9 inches high.

6. **Gracilis**—Light blue, slender, trailing stems, grown for baskets. Per pkt 5c.
 7. **Erinus Grandiflora Stellata, or Paxtoniana**—Large blue flowers, white eye. Pkt 10c.

8. **Erinus Speciosa**—Large, free flowering, sky blue, white centre. Per pkt 10c.

Hardy Perennial Varieties

9. **Fulgens** (Queen Victoria)—Beautiful border plant, with brilliant scarlet flowers and metallic crimson foliage. Per pkt 10c.
 10. **Cardinalis**—Scarlet, native of Canada. Pkt 10c.

LIMNANTHES

11. **Douglassii**—Easily grown, free flowering, slightly fragrant plants, excellent for beds or edgings in damp, shady places; hardy annuals. Pkt 10c.

LINARIA (Kenilworth Ivy)

Very pretty, hardy annual or perennial, sowing or low growing plants.

12. **Alpina**—Perennial, lilac shaded. Pkt 10c.
 13. **Cymbalaria** (Kentucky Ivy)—Perennial, purple and white. Pkt 10c.

14. **Hendersonii**—Annual 1 foot high; lilac and yellow shaded flowers. Per pkt 5c.

LINUM (Flowering Flax)

Free flowering hardy annual or perennial plants.

15. **Grandiflorum Rubrum**—Crimson. Pkt 5c.
 16. **Perenne**—Perennial blue. Per pkt 5c.

LOPHOSPERMUM

Scandens—Exceedingly beautiful and highly ornamental genus of climbers, handsome, showy foxglove-like flowers; half-hardy annual or biennial. Rosy purple flowers. Per pkt 10c.

LOVE-IN-A-MIST (Devil-in-the-Bush)

17. **Nigella Damascena**—Popular hardy annuals of low growth, handsome in bouquets. Blue white, mixed. Pkt 5c.

LUPINUS or LUPIN (Sun Dials)

Desirable plants for bedding and bouquets, long graceful flower spikes, richly colored flowers.

409. **Mixed Annual Varieties**—Per pkt 5c.

410. **Mixed Perennial Varieties**—Per pkt 5c.

LYCHNIS

Beautiful hardy biennial and perennial plants, 3 feet high, remarkable, conspicuous heads of brilliant scarlet-shaded flowers.

411. **Chalcedonica**—Perennial, bright scarlet flowers. Per pkt 5c.

412. **Grandiflora Gigantea**—A variety of the preceding, of dwarf nature, and with many large flowers. Per pkt 10c.

MALVA MOSCHATA ALBA

413. (White Musk-Scented Mallow)—An attractive garden plant; grown into a pyramidal bush; produces numerous white flowers size of silver quarter. Thrives best in a warm situation. Per pkt 10c.

MALOPE

A favorite hardy annual, 3 feet high, with large conspicuous flowers of the Mallow tribe.

414. **Grandiflora**—White and rose, mixed. Per pkt 10c.

MARTYNIA

Handsome, tropical appearing annuals, for outdoor cultivation during summer, being raised in doors; 2 feet high, large leaves and trumpet-shaped flowers, producing curiously shaped seed pods, like horns.

415. **Formosa**—Mixed. Per pkt 5c.

MARVEL OF PERU (Four O'Clock)

416. (*Mirabilis Jalappa*)—Beautiful half-hardy annuals; may be kept in cellar during winter and replanted every spring; 3 feet high; flowers are fragrant, especially in the evening. In many shades, mixed. Per pkt 5c.

MARIGOLD

Popular hardy annual border plants of magnificent effect; varying in height, form and color of flowers, but always being showy, desirable border plants.

Double African

417. **Eldorado, Tall**—The handsomest of the Marigolds, its color ranging from palest yellow to the deepest orange; flowers are large, almost round, and very double. Per pkt 10c.

418. **Dwarf**—1 foot high, orange color. Per pkt 5c.

419. **Tall**—2 feet high, orange color. Per pkt 5c.

Double French

420. **Tall Striped**—2 feet high, yellow flowers, with a broad stripe on each petal. Per pkt 5c.

421. **Dwarf**—1 foot high, flowers velvety brown, finely edged yellow. Per pkt 5c.

422. **Gold Nugget**—Dwarf, dense growth, and immense double flowers, which are of a peculiar shade of golden yellow. Per pkt 5c.

NEW FRENCH MARIGOLD

423. **LEGION OF HONOR**—One of the prettiest and handsomest of the Marigolds. The plants grow 9 inches high, are insect and drought proof and will bloom from the middle of summer until late in fall. Flowers rich, golden yellow marked with velvety brown. Pkt 10c.

MATHIOLA (Evening Scented Stock)

424. **Bicornis**—A desirable half-hardy annual, 1 foot high, bushy, with rosy lilac flowers of a delicious perfume, especially in the evening. Pkt 5c.

MATRICARIA (Feverfew)

Hardy perennials, flowering the first year, with daisy like, double white flowers, 1 ft. high.



Marigold (Legion of Honor)



Marigold, Double Tall African, Eldorado. Pkt 10c.

425. **Capensis, fl. pl.**—Known as bridal rose. Per pkt 5c.

426. **Eximea Nana Aurea Crispa, fl. pl.**—Dwarf growing, with golden yellow leaves, exquisite for bordering. Pkt 10c.

MAURANDIA

427. **Maurandia**, mixed—The prettiest half-hardy climbing plants in cultivation, for trellises outdoors, or for greenhouse or parlor culture. Per pkt 10c.

MELILOTUS (Sweet Clover)

428. **Suaveolens**—Per pkt 5c.

MELOTHRIA

429. **Punctata** (African Oak-leaved Climber)—A magnificent, rapid growing, climbing annual. Flowers are succeeded by great numbers of blue-brown berries. Per pkt 25c.



Machet Mignonette—Pkt 10c.

436. **Bird's Mammoth**—Under proper cultivation the spikes average 12 to 15 inches long, are very full and exceedingly fragrant. Pkt 10c.

FOUR GIANT MIGNONETTES

437. **"DEFIANCE"**—When grown under favorable conditions and with proper care, its spikes will not only be of remarkable size—from 12 to 15 inches long, but deliciously fragrant, much more so than any other variety. The individual florets are of immense size and stand out boldly, forming a graceful as well as compact spike. Per pkt 10c, 3 for 25c.
438. **"The Prize"**—This is a very distinct variety, the flowers being unusually large as well as remarkable for their beautiful color and delicious fragrance; flowers light red, excellent for bouquets. Pkt 10c.
439. **Machet**—This extremely fine variety is undoubtedly the best Mignonette yet sent out. Vigorous dwarf pyramidal plants, very stout flower stalks, with numerous dark green leaves, terminating in long spikes of deliciously-scented red flowers. Best for pot culture and valuable for borders. Pkt 10c, oz 80c.
440. **Giant Red**—This wonderful Mignonette grows 12 to 16 inches in height, in pyramidal form; its enormous flower spikes are of the largest size, the individual blossoms of an intense red color are very sweet-scented. One of the best for cut flowers and pot culture. Pkt 10c.

SPECIAL—One packet of each of the above, four Giant Mignonettes for 25c.

MUSA ENSETE (Abyssinian Banana)

441. A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hotbed or bottom heat in greenhouse. Tender perennial, 10 to 20 feet. Pkt of 5 seeds, 25c.

MIMULUS (Monkey Flower)

Extremely handsome, dwarf growing, half-hardy biennials, with delicate, large, beautifully tinted flowers, requiring shelter from the midday sun to bring them to perfection.

442. **Cupreus**—Spotted, marked, dotted and blotched, flowers on yellow ground. Pkt 5c.

443. **Simmers' Mammoth**—Magnificent strain; unequalled for beautiful colors. Pkt 25c.

444. **The Emperor**—The flowers are remarkably rich and varied in color. Pkt 25c.

Mimulus Moschatus—See Musk Plant.

MINA LOBATA (One of the handsomest climbers)



Moonflower, or Evening Glory—Pkt 10c.

MIGNONETTE

Reseda Odorata.

Most popular fragrant flowering hardy annuals, of trailing habit and graceful appearance; indispensable in every garden.

430. **Large Flowered**—Sweet-scented. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, 1 lb \$1.25.

431. **Mile's Spirel**—Of dwarf habit, branching, large flowered spikes. Pkt 10c.

432. **Parson's White**—Stamens white, flowers large and fragrant. Pkt 10c.

433. **Golden Queen**—An entirely distinct sort of dense pyramidal habit, with golden yellow flowers, which give it a most attractive appearance. Pkt 5c.

434. **Compact Dwarf**—Of upright, compact, branchy growth, almost circular, with reddish tinted, numerous flowers. Pkt 5c.

435. **Gabrielle**—New, red, very sweet, spikes very thick. Pkt 10c.



Simmers' Mixture, Morning Glory—Pkt 5c.

MORNING GLORY (*Ipomoea*)

For the newest varieties of Morning Glory see Novelties.

Magnificent hardy annual climbers, very free flowering, trumpet shaped, rich shades.

449. **Mixed**—Pkt 5c, oz 20c, 1 lb 60c.

450. **Grandiflora**—Large-flowering Mexican. Pkt 5c.

451. **Rubro-cerulea, or Viola cea Vera**—Splendid large flowering, sky-blue Mexican. Pkt 5c.

452. **Variegated Leaved Morning Glory**—With silvery white marbled leaves distinct. Pkt 10c.

453. **Coccinea**—Scarlet, feathered leaves. Pkt 10c.

454. **"HEAVENLY BLUE"**—The foliage is very large heart-shaped; flowers 4 to 6 inches across in large clusters and of that indescribable light blue with yellow throat suffusing softly into blue. The climber is covered with bloom so as to almost cover the foliage. Also a splendid conservator climber. Pkt 10c.

455. **LEARI**—"The Blue Dawn Flower." Although it does wonderfully well outside in the summer, yet it is generally grown as a greenhouse climber, and it is most beautiful, bearing clusters of the most lovely sky-blue flowers imaginable and measuring fully 5 to 6 inches across. Pkt 10c.

NICOTIANA (Tobacco Plant)

The following are very ornamental half-hardy annuals, and very desirable.

456. **Grandiflora Purpurea**—Large massive foliage, dark purple red flowers. Pkt 5c.

457. **Affinis** (Sweet-scented Tobacco Plant)—Produce an abundance of large pure white flowers, which expand fully in the morning and evening, emitting a delicious fragrance. Pkt 10c.



Musa Ensete

MOMORDICA (Balsam Apple)

446. **Momordica Balsamina**—A trailing or low climbing, half-hardy annual, the fleshy fruits, infused with sweet oil, being famous for curing wounds. Pkt 5c.

MOONFLOWER

447. **Moonflower** (*Ipomoea Noctiflora*)—Bears in the greatest profusion its lovely white flowers 5 to 6 in. in diameter, with five-pointed star in the centre; flowers open at dusk or earlier on cloudy days; deliciously fragrant. Start early in the house and set out as early as safe in the spring; the vines make very rapid growth, often attaining a height of 25 feet in one season. Pkt 15c.

MUSK PLANT

448. **Musk** (*Mimulus Moschautus*)—This fragrant and universally favorite little plant is well known and is equally at home in sitting-room, greenhouse or garden; half-hardy perennial. 1/2 ft. Pkt 5c.



Musk Plant—Pkt 5c.



NASTURTITIUMS

Popular hardy ornamental annuals, originally all creeping plants, but recently some have, by careful hybridizing, been changed into constant dwarf plants; producing brilliant tints of flowers; all of easy culture good garden soil.

Tall or Climbing Varieties

Simmers' Special Mixture—Variegated. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.25.
Tall, Yellow—Very fine. Pkt 5c, oz 15c.
Dark Brown—Tall. Pkt 5c, oz 15c.
Hemisphaericum—Fine, tall, scarlet. Pkt 5c, oz 15c.

One pkt of each of the above tall varieties, 15c.

Lobb's Nasturtiums

Lobbi Mutabile—Tall, with bright scarlet flowers. Pkt 10c.
Purpureum Violaceum, Tall—Purple violet flowers. Pkt 10c.

emophila (Love's Grove)—Of neat, compact habit, blooming freely all summer. If thinned to 4 in. apart the plants will present a dense mass.

Mixed—Many rich, bright colors. Pkt 5c.

Nierembergia

Frutescens—A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases, or bedding out; 1 ft. White, tinted with lilac. Pkt 10c.

Nigella—(See Love-in-a-Mist)

olana—78. Very pretty annual, trailing habit, with Morning Glory-like flowers, well adapted to rock work, 6 inches, hardy annual, mixed colors. Pkt 5c.

xalis—Delicate half hardy annual, and perennial, low growing plants with leaves like Shamrock.

Mixed—9 inches high, rosy flowers, annual. Pkt 10c.

Tropaeoloides (Corniculata)—Short trailing annual, leaves distinctly marked brown-purple, yellow flowers. Pkt 10c.

Valdiviana—Perennial, flowering in the first year, bright yellow, sweet scented. Pkt 10c.

inothera—482. **Fine Mixed**—("Evening Primroses" or "Sun Drops"). Large, showy flowers, various colors, hardy annual. 1 to 2 ft. Pkt 5c.

aeonia—483. **Sinensis** (Chinese Paeonies)—Magnificent hardy perennial, 3 to 4 ft. high, producing large semi-double and double flowers, white, pink and purple shades, fragrant as roses; seed takes about two years before sprouting. Mixed. Pkt 15c.

Simmers' Special Mixtures Pkt 5 cents

Hybrids of Madame Gunter

(See Illustration on Cover).

464. There have already been produced twenty-two different colors or combination of colors in these new hybrids, including various shades of rose, salmon, bright red, pale yellow, etc., either self-colored or spotted, mottled, striped and margined. For covering trellises, fences, arbors, piazzas, trailing from vases, over rock work, etc., nothing can equal the gorgeous effect produced by their marvellous quantities of bloom borne in uninterrupted splendor from early summer until cut down by frost. Their ease of culture, the rapidity of growth, luxuriant and dense, to a height of 12 to 15 feet are wonderful. Pkt 10c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$2.50.

Perilla Ornamental, half-hardy annual, deep, dark, purplish-red foliage, for border or indoors.

484. **Nankinensis**—Leaves deep mulberry or purplish black, 1 foot high. Pkt 5c.

485. **Variegata**—With leaves finely variegated and veined. Pkt 10c.

Picotee Pinks Well-known plants of great beauty, combining with the most perfect form the richest colors; they have a delicate perfume, and are easily cultivated; 1 foot high, half-hardy perennials.

486. **Picotee Pinks**—Best double quality. Pkt 25c.

487. **Pure White**—Pkt 25c.

Pentstemon Very attractive hardy perennial for beds, borders and cut flowers. The flowers are half-pendant, bell-shaped and marked and marbled in beautiful bright shades. They should be planted in a rich, open soil and protected during winter.

488. **Finest Hybrids**—A splendid mixture. 10c.

Polemonium Ornamental hardy perennials, with beautiful sky-blue flowers in bunches.

489. **Ceruleum**—2 ft. high. Pkt 5c.

490. **Pulchellum**—1 ft. high. Pkt 5c.

Platycodon 491. Hardy perennials, producing very showy flowers during the whole season. They form large clumps and are excellent for planting among shrubbery.

Mixed—Blue and white. Pkt 10c.
Palma Christi (See Castor Oil Bean).

Dwarf Varieties

465. **Simmers' Special Dwarf Mixture**—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

466. **Cloth of Gold**—Scarlet flowers and golden yellow foliage. Pkt 5c, oz 25c.

467. **Lady Bird**—Orange, yellow and red spots, Pkt 5c, oz 25c.

468. **Ruby King**—Crimson rose, distinct foliage. Pkt 5c, oz 25c.

469. **Empress of India**—Very dwarf, dark tinted foliage, flowers brilliant crimson. Pkt 5c, oz 25c, 2 oz 40c.

470. **King Theodore**—Dwarf, intense dark brown flowers. Pkt 10c, oz 25c.

471. **Dwarf Crimson**—Pkt 5c, oz 25c.

472. **Dwarf Yellow**—Pkt 5c, oz 25c.

473. **King of Tom Thumbs**—Scarlet. Pkt 5c, oz 25c.

474. **Crimson Rose-Colored**—Dwarf. Pkt 5c, oz 25c.

475. **Pearl White**—Cream color, very distinct, Pkt 5c, oz 25c.

One pkt of each of the dwarf varieties 40c.
 Any 6 pkts of the dwarf varieties 25c.

Passion Flower

Splendid greenhouse or parlor climbers; some also for outdoors with curiously shaped flowers, the appendages of which are supposed to represent the passion of Jesus.

492. **Cerulea**—For greenhouse or parlor, flowers light blue. Pkt 10c.

493. **Macrantha**—For greenhouse or parlor; glossy leaves, large, deep rosy pink flowers. Pkt 20c.

494. **Incanata** (Southern "May Pops")—Blooms the first season from seed. Flowers 2 or 3 in. across, flesh white with purple rays, followed by yellow edible fruits. Pkt 10c.

Podolepis Half-hardy everlasting annuals, free flowering, fine for borders.

495. **Chrysantha**—1 ft., golden yellow. Pkt 5c.

496. **Superba**—Dark red. Pkt 5c.

Polyanthus One of our earliest flowering, popular, hardy perennials, of low growth, particularly suited for edging borders; flowers in an astonishing and great variety of colors, in form of Auriculas.

497. **Goldaced, Mixed**—The flowers have a clear, even margin or lacing of gold on a ground color, similarly well defined; extra choice, mixed. Pkt 20c.

Polygonum 498. **Orientele**—A hardy, graceful, showy annual, 5 feet high; fit for shrubberies or the centre of borders; rosy crimson, drooping flowerets; fine, light green, heart-shaped foliage. Pkt 5c.

Simmers' Pansies

GIANT PANSIES

The term "GIANT PANSIES" does not adequately describe these new strains, for, aside from the enormous size which gives them their name, their colorings are simply superb, and their form and substance perfect. The parent of most of these strains, the Trimardeau, when first introduced had only size to recommend it, the flowers being limited in coloring, irregular in shape and lacking in firmness. By continued improvement one beautiful color after another has been added to the list, and perfected from season to season by careful culture. Through personal inspection of the best European Pansy Cultures, we have again secured the cream of varieties from all quarters, combining with their giant proportions the most magnificent colorings.

- | | |
|---|--------|
| 499. Giant Cassier —A mixture of well-shaped flowers of gigantic dimensions, in choice variety, flowers marked with large blotches | Pkt 15 |
| 500. Giant Auricula Colors —Very beautiful shadings | 15 |
| 501. Giant Emperor William —Rich ultramarine blue, purple-velvet eye | 15 |
| 502. Giant Trimardeau —Flowers large, with a dark blotch on the three lower petals. We recommend this as the best low-priced mixture of Giant Pansies. $\frac{1}{2}$ oz. 50c | 10 |
| 503. Giant Striped —A beautiful mixture, flowers striped and mottled in various tints on contrasting grounds | 15 |
| 504. Giant Yellow or Golden Queen —Very showy color | 15 |
| 505. Giant Purple —Flowers very large | 15 |
| 506. Giant Coal Black —Of immense size | 15 |
| 507. Giant White —Most valuable addition, white, velvet centre | 15 |
| 508. Giant Beaconsfield —This strain, combined with the peculiar coloring of the type, will elicit general admiration | 15 |
| 509. Giant Copper Color —A most distinct and showy combination | 15 |

SIMMERS' GIANT PANSY MIXTURE

510. **THIS** variety embraces, besides all the shades and colors, two special strains not listed elsewhere in this catalogue, and which can only be had in this, our Giant Pansy Mixture. This mixture includes the richest reds, coppers and bronzes together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain, with its delicate veining. We have secured the newest, richest and finest sorts. $\frac{1}{2}$ oz \$1.00, pkt 15c, 2 for 25c.

GIANT PARIS MARKET

511. The flowers of this strain are as large as the Trimardeau and far superior in color and substance of petals; the blotches are most conspicuous. Having a stout and stiff flower stem, the flowers last longer. Pkt 10c, 3 for 25c.

GIANT BUGNOT

512. The flowers are of enormous size, perfect round, of great substance and of the most varied and attractive markings and color. Each petal bears a blotch veined to the edge, contains shades of red, bronze and reddish brown not found in any other Pansy mixture. Pkt 20c.

SIMMERS' COLLECTION OF GIANT PANSIES

One pkt each Giant White, Giant Cassier, Bugnot, Giant Yellow, Giant Striped, Giant Violet Blue, and Giant Copper Color, for ..

60c



Types of Our Giant Striped Pansies and Giant Pansy Mixture.
Each per pkt 15c, or the two 25c.

PREMIUM PANSIES

While the Giant-flowered Pansies are great favorites on account of the immense size of their flowers, **Simmers' Premium Pansies** excel in their endless variety of color, combined with perfection of form and velvety texture and substance of their petals. This strain, most celebrated all over Europe, is from a specialist who has devoted his life to the improvement of these flowers. No better strain of Pansies is to be had. It is impossible to describe them, as they embrace all colors and markings.

- | | |
|--|--------|
| 513. Simmers' Extra Improved Large-flowering Premium Mixture —Embracing all varieties named in the following list, and many other shades and colors. $\frac{1}{2}$ oz 50c | Pkt 10 |
| 514. Lord Beaconsfield —One of the most elegant Pansies in cultivation. Ground color purple violet, shading off in top to a whitish hue | 10 |
| 515. Faust, King of the Blacks —Almost black, darkest pansy known | 10 |
| 516. Golden Margined —Large and very showy | 10 |

- | | |
|--|--------|
| 517. Velvety Crimson Purple —Large and beautiful | Pkt 10 |
| 518. Bronze Colored —Large flowers, very fine | 10 |
| 519. White Margined —Purplish crimson, showy and distinct | 10 |
| 520. Quadrilateral or Pheasant's Eye —One of the prettiest and most peculiar sorts; the flowers are of a reddish steel blue, with red and white edge | 10 |
| 521. Emperor William —Large handsome flowers, in great profusion, well above foliage, brilliant ultramarine blue, with purple violet eye | 10 |
| 522. Dark Maroon —Mottled with bronze, golden margined | 10 |
| 523. Velvety Crimson —Golden yellow ground and margin | 10 |
| 524. Reddish Brown | 10 |
| 525. Pure Yellow —Fine for bedding | 10 |
| 526. Cardinal Red —Rich brown scarlet | 10 |
| 527. Simmers' Pure White "Snow Queen" —As it reproduces exactly from seed, we very strongly recommend it not only for bouquets, but as a very valuable addition to the Pansy family | 10 |

528. **Odier (Five Blotched Flowering)**—A magnificent French variety, petals having large blotch, clearly defined margin; color in many different variations, extra large.
529. **Peacock**—A very free blooming and attractive Pansy, flowering early, remaining in perfection a long time. Flowers very large with brilliant and novel coloring. The upper petals are royal purple, shot with peacock blue, lower petals also of these colors. This color has never been seen before in Pansies. The two lateral petals are rich maroon, all being encircled with a delicate tint of terra cotta rose.

Mammoth "BUTTERFLY" PANSIES

A very distinct strain, which, after repeated trials, we have found worthy. The flowers are large, of good form and substance and produce freely. In coloring they are varied, seldom alike in a hundred plants. They are mottled, spotted, streaked, tigered and splashed, with colors are mainly those rich wine-reds, chocolate, velvety red-brown, lavender, violet and shades, only found in a Pansy blossom. We have a selection made by us this summer from original introducer's strain.

530. **Mixed Colors**

SIMMERS' PREMIUM PANSIES

Collection of 12 separate beautiful sorts, \$1.00. Collection of 6 separate beautiful sorts, 50c. Any three, 25c.



Simmers' Perfection Extra Large Flowering Fringed Petunia—Pkt 25c.

537. **Blue, Large Flowering** (Hybrida Grandiflora Cœrulea)—Large flowers, rose.... 10

DOUBLE FLOWERING PETUNIAS

538. **Simmers' Extra Double Large Flowering Fringed, Mixed**—Our new selected types have deeper and finer fringe, brighter and more delicate colorings, of purer tones and greater variety than ever before offered. It is well known that the Double Petunia, grown from seed produces but a small percentage of

solid colors are particularly rich and velvety. Some of the crimson blossoms have pink star, some are pure white stars, others are distinctly striped. Pkt 15c, 2 pkts 25c.

535. **Inimitable**—Red margined, blotched white 15
536. **White Large Flowering**—Extra choice, large flowering, white, useful for cemetery work 10

PETUNIAS

Our Strains of Double and Single Petunias are the best obtainable.

Of late years the single striped, mottled and double varieties have been greatly improved. The strains we offer we can safely say without contradiction, are the best that can be produced either in this country or in Europe.

531. **Simmers' Extra Mottled Strain**—Large flowering, ½ oz 30c, pkt 10c.

532. **Simmers' Perfection, Extra Large Flowering Fringed Mixed**—A very highly developed strain, which is very deeply ruffled, and the ruffles in turn exquisitely fringed. The flowers of this strain are very lasting, and increase in beauty until they droop..... 25

533. **Large Flowering Fringed Mixed**—Of fine bushy habit and blossoms of varied colors, striped, mottled, blotched and self colors..... 15

534. **Large Flowering Emperor**—Very large, wide open blossoms, with colorings and markings very distinct from any other strain. The



Simmers' Double Large Flowering Fringed Petunias—Pkt 50c.

For newer Varieties see Novelties on Colored Pages.

double flowers. The balance in single flowers of the same rich shade. The weaker seedlings should be carefully selected, as these always produce double flowers..... 50

539. **Simmers' Double Flowering**—Seed from double flowers grown in pots..... 25

SIMMERS' PHLOX DRUMMONDII

IMPROVED LARGE FLOWERING VARIETIES

The various varieties of this flower are noted for extreme richness of color, profuseness of blossom, and length of duration of bloom. It is one of our finest annuals, and whether in clumps or masses looks equally beautiful. Hardy annual; ½ feet.

540. **GRANDIFLORA**—This strain of mixed, large-flowering Phlox is noteworthy for variety and brilliancy of colors. Not only is our strain notable for variety and brilliancy of colors, but also for the perfection and size of the flowers—many of the single flowers are so large they will very nearly cover a fifty cent piece. When our customers see the brilliancy and pleasing variety of colors produced from this seed they will thank us for recommending a liberal planting. Finest mixed; ½ oz 30c, pkt 5c.

541. **Discoidalis Grandiflora**—Larger and more numerous flowers 10
542. **Delicata**—Delicate rose, white centre 10
543. **Atropurpurea Striata**—Purple stripe 10
544. **Black Warrior**—Dark red, nearly black 10
545. **Coccinea**—Bright scarlet..... 10
546. **Princess Royal**—Light purple with white streaks, very brilliant..... 10
547. **Isabel**—Nankin yellow..... 10

548. **Leopoldi**—Bright rose with white eyes 10

549. **Washington**—Violet purple, with blackish brown and white throat, beautiful..... 10

550. **Quadricolor**—Purple throat, violet eye, with a white and reddish lilac ring 10

551. **Crown Prince**—Deep chamois rose, extra brilliant color 10

552. **Radowitzii**—Rosy red, striped white 10

553. **Rosea**—Deep rose..... 10

554. **White**—Large flowering 10

555. **William I.**—Bright crimson with stripes..... 10

556. **STAR-SHAPED PHLOX**—"Star of Quedlinburg." Flowers of regular star-like form. Plant of compact habit, large umbels of flowers; novel and beautiful; mixed colors 10

557. **FRINGED PHLOX "FIMBRIATA"**—A distinct variety; resembles the ordinary Phlox Drummondii; flowers bordered white, which with bright-eyed centre, picturesquely contrast with the magnificent velvety colors; more than 25 distinct colors 10

558. **Double White**—A profuse bloomer ... 10

559. **Double Scarlet**—With semi-double and double flowers; the trusses and individual flowers are equal in size to those of the dwarf compact varieties. 10

560. **Dwarf Scarlet**—Intense scarlet 10



Phlox Drummondii, Large Flowering
Pkt 5c.

561. **Dwarf White**—A dwarf-growing variety of Phlox, remarkable for its incomparable profusion of flowers of a satiny white color 10

562. **Perennial, Decussata**—Fine mixture 10

- COLLECTION**—12 colors 50

- " 6 colors 30



Double Portulaca

PORTULACA

One of the finest hardy annual plants, of easy culture. The flowers are of the richest shades of color, and produced throughout the summer in great profusion; fine for massing in beds, edgings or rock work; 6 inches.

563. **Splendens**—Single flowering, brilliant colors 5

564. **Double Flowering**—Choice mixed... 10

- Collection of six distinct and brilliant colors 30



Shirley Poppy—Pkt 10c.

POPPIES

Most popular hardy annuals and perennials, with flowers of unusual brilliancy of color.
COLLECTION—Twelve varieties, double and single. 30c.

Single Annual Varieties

565. **Tulip**—A magnificent species, the plants grow about 14 inches high and produce from 50 to 60 large and splendid flowers, of the most dazzling scarlet. Per pkt 10c.
566. **Persian** (*Papaver Lœvigatum*)—Color brilliant scarlet with shining black spots surrounded by a clearly defined white margin at the base of each petal. The two outside petals are double the size of two inside petals, so that each pair forms a separate cup; height 2½ ft. Per pkt 10c, 3 for 25c.
567. **Peacock**—The most striking feature of the flower is the conspicuous glossy zone which marks the petals, forming a complete ring. Per pkt 5c.
568. **"Danebrog" or Maltese Cross**—The flowers are of a dazzling scarlet color, each of the four petals is marked with a large silvery white blotch, forming a white cross upon scarlet ground, similar to the Danish and Swiss national banner. Per pkt 10c.
569. **Shirley Poppies**—These charming Poppies are generally single or semi-double. They range in color from pure white through the most delicate shades of pale pink, rose and carmine to the deepest crimson. Per pkt 10c.

PRIMULA

The popular garden Primrose is one of our earliest flowering hardy perennials, well suited for edging, and in a great variety of colors.



Tulip Poppy—Pkt 10c.

POPPIES

Double Annual Varieties

570. **The Mikado**—American flag—The petals are whole at the base, white the edges are frilled in the most pleasing manner. The flowers are of a pure white at the back, while the fringed edges are of a brilliant scarlet. Pkt 10c.
571. **Double French or Carnation Flowered**—3 feet high, double. Per pkt 5c, oz 25c.
572. **Pæony Flowered**—Flowers in colors and size equal to Pæonies. Pkt 5c, oz 25c.
573. **White Swan**—The plants are about eighteen inches high, grow in a very pretty bush, form crowned with flowers of enormous size, perfect form, very double and of the purest snow-white. Per pkt 10c, 3 pkts for 25c.
574. **Golden Gate**—Exceedingly free blooming; the flowers single, semi-double and double, of medium size in the largest variety of colors imaginable. Per pkt 10c, 3 for 25c.
575. **Fairy Blush**—This charming Poppy produces pure snowy white, extremely double flowers of perfect form and large size. Pkt 10c.
576. **SIMMERS' "SPECIAL" POPPY MIXTURE**—Comprises not only all the above named and described Poppies, but also a number of other sorts, specially purchased for this mixture, including some entirely new ones. Will make a grand display. Pkt 10c, 3 for 25c, ¼ oz 40c.
- ### Hardy Perennial Varieties
577. **The Great White California Poppy** (*Romneya Coulteri*)—This fine perennial is of stately beauty as an outdoor plant; flowering from July until November. Flowers are large—4 to 5 inches across—pure white with a fine bunch of yellow stamens. The plants attain a height of 6 to 8 feet, and are really magnificent. Per pkt 10c.
578. **Iceland** (*Papaver nudicaule*)—These beautiful perennial Poppies produce flowers in great abundance the first year from seed. The colors range from the purest white and yellow to the deepest glowing orange scarlet, and have a delicious fragrance. Mixed colors. Per pkt 10c.
579. **Papaver Orientale** (*Oriental Poppy*)—The prevailing color is the brightest scarlet imaginable, but they vary somewhat in shades, some being orange-scarlet, while others approach to crimson. The flowers are of very great dimensions, often measuring 6 inches across and endure the longest of any Poppy we know. They are hardy perennials and will increase in size and profusion of bloom with age. Pkt 10c.
580. **Croceum**—Yellow flowers. Per pkt 5c.



Chinese Primrose—Pkt 25c.

CHINESE PRIMROSE

(PRIMULA). For parlor culture as well as for the greenhouse, no plant is more acceptable than this class, as it can be made to yield an abundance of flowers all the year round. We procure every year the choicest varieties from one of the best and most celebrated growers in Europe.

581. **CHINESE PRIMROSE MIXED**—The culture of these lovely flowers is much easier than most people think. Our mixture includes only the choicest colors of the single flowering Primulas in all their dainty shades. Pkt 25c.
582. **Erecta Superba**—White fringed, in bunches borne well among the foliage. Per pkt 25c.
583. **Kermesina Splendens, Single**—Deep pink, fringed flowering. Per pkt 25c.
584. **Snow Queen**—A distinct and beautiful variety of Primrose with the finest pure white flowers of large size, thrown well above the foliage. The flowers are of good substance and elegant form. Pkt 50c.
585. **Carter's Holborn Blue**—A distinct variety, with azure-blue flowers borne above the foliage. Per pkt 25c.
586. **Fern-leaved** (*Macrophylla Fimbriata*)—With long massive fern-like foliage and beautiful flowers of great substance and elegant form, finely fringed, great variety of colors, mixed. Per pkt 25c.
587. **Punctata Elegantissima**—Crimson, spotted white. Per pkt 25c.
588. **WILLIAMS' PRIZE**—Dark red, large fringed flowering; extra fine for pots. Per pkt 25c.
589. **Chiswick Perfection Red Magenta Queen**—Large brilliant scarlet. Per pkt 25c.
590. **Alba Magnifica**—The finest pure white variety grown; flowers 2½ inches across with large yellow eye. Per pkt 25c.
591. **Erecta Superba, double white**—Double flowering variety of No. 582; reproduces well from seed. Per pkt 50c.
592. **Double Mixed** varieties. Per pkt 50c.



Primula Obconica Grandiflora

593. **Vulgaris**—The old-fashioned common yellow primrose. Per pkt 10c.
594. **Japonica** (*Japanese Primrose*)—Of robust growth, rich magenta flowers. Per pkt 10c.
595. **Cortusoides** (*Siberian Primrose*)—An early rose-purple flowering hardy perennial. Per pkt 10c.
596. **Obconica Grandiflora**, new large flowering *Ever-blooming Primrose*—One of the most useful plants grown, if sown early in spring will begin to bloom in May or June, flower throughout the year, flowers soft lilac shade. Per pkt 10c.
597. **Floribunda**—One of the prettiest and best Primroses, same general character as P. Obconica, only a lovely shade of primrose yellow. Fragrant, free blooming. Per pkt 10c.



Dwarf Polyantha or Fairy Rose. Pkt 10c.

ROSES

598. **Dwarf Polyantha or Fairy Rose**—Roses from seed the first year, bloom in four months after sowing, so that seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season. The plants are dwarf and bushy, growing only about 1 foot high, and very pretty for solid beds and borders. Pkt 10c, 3 for 25c.

599. **Mixed**—The seed we offer is from the best mixture of hybrid perpetual and moss roses, will flower the second year. Pkt 10c.



Pyrethrum or Golden Feather. Pkt 10c.

Pyrethrum (Feverfew)

Ornamental, hardy, low-growing perennial of easy culture.

600. **Carneum, fl. pl.**—Large double bright crimson flowers. Per pkt 10c.

601. **Roseum**—Flowers bright rose. Per pkt 10c.

YELLOW FOLIAGE SORTS FOR BEDDING.

602. **Parthenifolium Aureum**—Golden yellow-leaved dwarf, bedding plant, known as **Golden Feather**. Per pkt 10c.

603. **GOLDEN GEM**—The double flowering variety of the preceding. Per pkt 10c.

604. **Selaginoides**—A beautiful variety, handsome fern-like foliage. Per pkt 10c.

Rhodanthe

One of the neatest of the genus of Everlasting flowering half-hardy annuals known, of low growth in different shades of bright pink and white, with yellow disc.

605. **Maculata**—1 foot, deep carmine. Pkt 10c.

606. **Alba**—Pure white. Pkt 10c.

607. **Atrosanguinea**—Dwarf, purplish crimson. Pkt 10c.

Rudbeckia (Texas Cone Flower)

608. **Rudbeckia Biccolor**—A hardy annual of compact branching growth, producing flowers about 3 in. in diameter, of a bright yellow, red and blackish purple disc; height of plant about 1½ feet. Pkt 10c.

Salpiglossis (Painted Tube Tongue)

The large flowering Salpiglossis is one of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors, and exquisitely veined and laced, 1½ ft. high.

609. **Salpiglossis**—Large flowering mixed. Pkt 10c.

Sedum (Stone Crop)

610. **Mixed**—Pretty little plants, growing freely on rock or rustic work, also on ornamental mounds, where they flower in great profusion; hardy annuals. Pkt 10c.

Salvia (Flowering Sage)

Magnificent half-hardy annual, biennial or perennial; some also greenhouse or indoor plants; remarkable for their showy numerous flowers.

611. **Salvia Splendens (Large Flowering Scarlet Sage)**—One of the most gorgeous of annuals, blooming throughout the summer and fall. The plants grow from one and one-half to three feet in height and form dense bushes, completely covered with showy sprays of most dazzling scarlet flowers. Pkt 10c.

612. **Salvia, Clara Bedman (Bonfire)**—The plants form handsome globular bushes about 2 ft. high by 2 ft. in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant, and are of the most brilliant, dazzling scarlet. Pkt 10c, 3 pkts 25c.

613. **Salvia Coccinea**—1 ft. high, scarlet flowers, annual. Pkt 10c.

614. **Farinacea**—3 ft., showing long spikes of blue flowers, annual. Pkt 15c.

615. **Patens**—2 ft. high, biennial, in flowers of purest sky-blue imaginable. Pkt 10c.

616. **Dwarf Salvia or "Burning Bush"**—A splendid sort, blooming about two months before the old variety and lasting until late in the fall. The plants are dwarfier and more compact in habit, while the flowers are of the brightest scarlet. Pkt 10c.

617. **Argentea**—2 feet high, silver leaves, blue flowers, beautiful perennial. Pkt 10c.

Saponaria (Bouncing Bet)

Hardy free-flowering annual or perennial plants of easy culture and different growth, the most of them being of trailing habits and suitable for edging work or small beds.

618. **Mixed**—All colors, 6 in. Pkt 10c.

Sanvitalia

619. **Procumbens fl. pl.**—Beautiful trailing annual, well adapted from its compact growth for covering beds in the flower-garden; the double flowers are large in proportion to the plant; of rich brown and yellow. Pkt 10c.

Saxifraga

620. **Hueti**—Hardy perennials of trailing habit; for shady places, rockeries or hanging baskets, unequalled; flowering abundantly and constantly. Dwarf, white flowers. Pkt 10c.

Scabiosa.

(Mourning Bride or Sweet Scabious).

The Mourning Bride or "Sweet Scabious" of our old gardens, but much improved in size, colors and doubleness. They are very free bloomers, the colors white, carmine, lilac, maroon, etc.; excellent for bouquets.



Sweet Scabious or Mourning Bride. Pkt 5c.

621. **Tall Double Mixed**—All colors mixed. 5c.

622. **Dwarf Mixed**—All colors, 1 ft. high; large flowers and robust in growth. Pkt 10c.

623. **Nana Striata fl. pl.**—Dwarf carnation-striped, double flowers. Pkt 5c.

624. **SNOWBALL**—The flowers of this pretty Scabiosa are large, measuring fully 2 in. in diameter, of purest snow white, very double. The stems are very stiff and strong, and the foliage a luxuriant green. If plants are potted in the fall they will furnish pure white flowers until Christmas. Pkt 10c, 3 for 25c.

625. **Golden Yellow**—This color has long been desired in the Scabiosa family, and is now obtained, after years of selection. The flowers are double, and of a fine pure yellow color. 20c.

626. **Caucasica**—One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac blue, 3 ft. Pkt 10c.

627. **SCARLET RUNNERS**—Pkt 5c.

Schizanthus (Butterfly Flower)

Few plants are more attractive than these when well grown, whether in pots or in the border; they are of a branching elegant habit, well covered with peculiar shaped flowers, hardy annuals.

628. **Fine Mixed**—2 ft. high, flowers orange and carmine shaded, spotted with yellow, resembling a small butterfly. Pkt 10c.



Salvia, Clara Bedman (Bonfire).

Sea Lavender (Everlasting Statice)

629. **Statice Bonduelli**—1 ft., bright yellow. 10c.

630. **Alba**—White variety of the preceding. 10c.

631. **Incana**—Hardy perennial, sky-blue flowers. Pkt 5c.

Senecio (Jacobæa)

632. **Elegans**—Double mixed. Valuable hardy annuals, compact, bushy in growth, 1 ft. high, adapted for bedding or indoor culture, producing multitudes of tassel-shaped small flowers. Pkt 5c.

Sensitive Plant (Touch Me Not)

A tender annual, half trailing, 1 ft. high, with very curious leaves; very curious and interesting plants, the leaves closing if touched or shaken; of very easy culture, succeeding in any soil.

633. **Mimosa Pudica**—Pkt 5c.

Silene

Elegant, dwarf, bushy annuals, bearing a profusion of bright, attractive flowers through spring and summer; admirable for beds, margins, rock-work.

634. **Pendula Ruberrima**—Carmine rose flowers. Pkt 5c.

635. **Ruberrima, fl. pl.**—Double flowering variety of the preceding. Pkt 10c.

Smilax

A splendid perennial, greenhouse or parlor climber.

636. **Medeola Asparagoides**—Pkt 10c, oz \$1.

SNAPDRAGON—(See Antirrhinum)

Solanum

Very elegant, highly ornamental, interesting genus of fruit-bearing plants.

637. **Marginatum**—3 ft. high, leaves white-edged and veined. Pkt 15c.

638. **Capsicastrum, Little Gem or Jerusalem Cherry**—2 feet high, scarlet berries, like cherries, beautiful for parlor. Pkt 10c.

Stevia

639. **Serrata White**—For pot culture or the border, half-hardy perennial. Pkt 10c.

SWEET WILLIAM (See Dianthus).



Salpiglossis, Large Flowering. Pkt 10c.

SIMMERS' LARGE-FLOWERING

SWEET PEAS...

FASHIONS FRAGRANT
FLORAL FAVORITIES.

Customers selection of any seven 5 cent packages for 25c.

Any twelve packages for 40c.

NOVELTIES OF 1898

640. **Columbia**—Tricolor variegated; crimson rose and pale bluish mauve on white ground.
641. **Coronet**—Orange-rose striped on white ground.
642. **Countess of Powis**—Standards bright rose-orange, wings clear rose.
643. **Maid of Honor, or Improved Butterfly**—White ground, shaded and edged light blue.
644. **New Countess, or Improved Countess of Radnor**—Pure light lavender.
645. **Lady Nina Balfour**—Soft velvety mauve, suffused with heliotrope pink. Fades to clear mauve.
646. **Prince Edward of York**—Large standards; cherry rose, wings Jacqueminot.
647. **Queen Victoria**—Creamy straw yellow, standard faintly suffused with purple.
648. **Salopian**—Best of the deep crimsons.
649. **Shahzada**—Purplish maroon without lustre, wings indigo; large improved form.
650. **Triumph**—Standards bright pink, lightly suffused with scarlet orange; wings pale rose.
651. **Golden Gleam**—Cream of the yellows, ideal grandiflora type, unsurpassed in grace, of pronounced primrose tint.
- Price of any of the above. Pkt 10c, any 3 pkts for 25c, oz 20c.

SPECIAL OFFER—We will give one packet of each of the above twelve novelties for 90c.

Blue

652. **Captain of the Blues**—Dark blue, netted with purple. Per pkt 5c, oz 10c.

Purple and Maroon

653. **Foreatton**—Splendid dark maroon.
654. **Stanley**—Rich, dark maroon.
655. **Waverley**—Standard rosy-claret, wings light blue.
656. **Captivation**—Rosy-purple self, finely expanded, shell-shaped standard.

Striped

657. **America**—Cardinal stripe on white ground.
658. **Mikado**—An orange-cerise ground, veined with white stripes.
659. **Princess of Wales**—Standards striped white and blue, wings heliotrope and white, striped.

Blush White

660. **Delight**—White, flushed rosy pink, delicious and distinct fragrance.
661. **Isa Eckford**—Creamy white, suffused rosy pink.



Double Sweet Pea

An ounce of Sweet Peas contains about 300 seeds, enough to sow a single row 25 feet long. Our packets of all (excepting the Novelties) are liberal, containing about 75 seeds, enough to sow a single row 6 feet long.

White

662. **BLANCHE BURPEE**—Pure white, of exquisite form and immense size.
663. **Emily Henderson**—Purest white, one of the best.
664. **Mrs. Sankey** (black seeded white)—Large, bold flower, pure white, faintly flushed.
665. **Cupid**—Dwarf white.

Pink and White

666. **Extra Early Blanche Ferry**—Beautiful pink and white, very fragrant.
667. **Ramona**—Creamy white, daintily splashed with pale pink.
668. **Crown Jewel**—Pale standards, tinted and veined with violet-rose.
669. **Little Dorritt**—Carmine-tinted pink; standard of finest form; large white wings.
670. **Countess of Aberdeen**—White, margined with pale pink.
671. **Cupid**—Dwarf; pink and white. Pkt 5c, oz 20c.

Soft Pink

672. **Mrs. Gladstone**—Delicate pink, with rosy blush wings.
673. **Princess Beatrice**—Warm blush pink.
674. **California**—Most delicate pink.
675. **Countess of Shrewsbury**—Rose standard, white wings.
676. **Alice Eckford**—Rich cream-tinted cerise standards, white wings.
677. **Prima Donna**—Lovely shade of soft pink, frequently bears four flowers on a stem.

Scarlet

678. **Firefly**—A bold expanded flower, color intensely brilliant scarlet.
679. **Mars**—Intense crimson-scarlet of the largest grandiflora form.

Deep or Carmine Pink

680. **Royal Rose**—Deep rosy pink.
681. **Lovely**—Soft shell pink.
682. **Emily Lynch**—Rosy pink, suffused primrose.
683. **Empress of India**—Clear rosy pink standard and pinkish white wings.
684. **Oddity**—Pale carmine edged with bright rose.
685. **Lady Penzance**—Standards orange pink, wings deep pure pink.
686. **Red Riding Hood**—The standard and wings are a rosy pink, shading to blush white at the calyx.
687. **Orange Prince**—Bright orange pink flushed with scarlet.

Crimson

688. **Princess Victoria**—Standards light scarlet, wings shading to crimson.
689. **Daybreak**—Watered crimson, scarlet on, white ground.

Yellow

690. **Coquette**—Primrose-yellow, shaded pale lavender.
691. **Mrs. Eckford**—Beautifully shaded primrose-yellow.

OUR MIXTURES

700. **FINEST MIXED**—This strain although not embracing the new seedlings, contains a beautiful assortment. Per pkt 5c, oz 10c, 1 lb 15c, 1 lb 40c.
701. **ECKFORD'S MIXTURE**—This is grown from stock seed which was made up from named sorts and contains over thirty varieties, including some novelties and all the choice varieties. By mail, postpaid, pkt 5c, oz 10c, 1 lb 15c, 1 lb 50c. Price, by express, 10 lbs \$4.00, 5 lbs \$2.25.



Simmers' Large Flowering Sweet Peas

Prices except where noted :
Pkt 5c, oz 10c, 1-4 lb 25c.

White and Lavender

692. **Captain Clark**—White and lavender streaked carmine.
693. **Juanita, or Striped Celestial**—Pure white, delicately lined and striped with pale lavender.
694. **Lottie Eckford**—Lavender shaded pink and white.

Heliotrope and Lavender

695. **Countess of Radnor**—Delicate lavender and mauve, lovely variety.
696. **Princess May**—A shade of pale heliotrope or lavender.

DOUBLE SWEET PEAS

The flowers of these do not all come double, but usually produce from 20 to 40 per cent. of double blossoms. In some uncongenial localities or situations they have proved very inconstant, producing no double flowers at all, but in such cases they make up for the deficiency in doubles by producing in greatest profusion large single flowers of beautiful colors. Only with this understanding with purchasers do we supply the seeds. Such flowers as do come double are of incomparable beauty. Sometimes they will all come double on one stem, sometimes all single, but generally doubles and singles are borne about half-and-half on each stem.

697. **Mixed Double Sweet Peas**—Pkt 5c, oz 10c.

PERENNIAL VARIETIES

- Showy free-flowering plants for covering old stumps, fences, etc.; 5 feet.
698. **Lathyrus Latifolius**—The old favorite red variety. Per pkt 10c.
699. **Albus**—Large clusters pure white; grand, hardy low climber. Per pkt 10c.

702. **SIMMERS' GIANT "GILT EDGE" MIXTURE**—This mixture of Sweet Peas, as improved for 1899, is undoubtedly the finest we have ever offered. It contains only grand new named varieties of the large flowering type. The seed of which has been grown separately from selected stock, and only the largest-flowered, most beautiful new Sweet Peas have been selected and mixed by ourselves. We have maintained a similar high standard throughout, and can assure all lovers of Sweet Peas that never before has it been possible to obtain "only the best" and all the best of the new large-flowering Sweet Peas as in this unequalled mixture. Per pkt 10c, oz 15c, 2 oz 25c, 1 lb 35c, per lb \$1.00.

STOCKS Gilly Flower

These old-fashioned flowers are much liked for their peculiar pleasant perfume and bright colors. For early flowering, sow in the house in February or March, and plant in the open ground in May, when danger of frost is over. Nine to eighteen inches high, half-hardy annual.

	Pkt
3. Large Double German —10 weeks, mixed.....	10
4. Crimson	10
5. Light Blue	10
6. Purple	10
7. Pure White	10
8. Bright Pink	10
9. Improved Ten-Week "Snowflake" —The earliest white Ten-Week Stock in cultivation, resembling in habit the Dwarf Pyramidal race. It produces a vigorous main spike of extremely large and double snow-white flowers, which very effectively contrast with the glossy, dark green leaves	10
10. "Cut and Come Again," also called Princess Alice —Produces from spring to late in the fall, pure white, beautifully shaped double flowers. It throws out numbers of side branches, each of which bears a cluster of blossoms, and the more they are cut the better they seem to like it. It makes a splendid Stock for cutting and is quite fragrant; succeeds equally well in pots.....	10



Stocks "Cut and Come Again"—Pkt 10c.

1. **East Lothian**—Pure white, invaluable for florists.... 10
2. **Dwarf, Brilliant Deep Blood Red (Victoria)**—Each plant forms in itself a naturally grown bouquet of a beautiful pyramidal shape, the lateral branches being symmetrically arranged around the main stem, which is slightly raised in the centre..... 10
3. **Shrubby, or Cockade Double**—Winter flowering, bright red..... 10
4. **Giant Emperor, or Perpetual**—These make very bushy and branching plants, with an abundance of flower. Sow in July or August, and they will bloom in winter. Many colors in the finest mixture..... 10
5. **White**—For florists' use, very fine..... 10
6. **Brompton**—Half-hardy biennial bushy plants, producing a beautiful display of double flowers, mixed colors, 2 ft. high..... 10

COLLECTION OF STOCKS

- Large, pyramidal Double**—Ten weeks, 12 colors..... 50
- Large Flowered, Pyramidal Double**—6 distinct colors..... 30
- East Lothian, Double, Large Flowered**—Six distinct colors..... 30
- Giant Emperor, Double**—Winter flowering, six very fine colors..... 40

Swainsonia Alba 717. Is becoming a very popular plant for house culture. Foliage as graceful as an Acacia; flowers pure white, produced in sprays of 12 to 20 flowers each, and resembling Sweet Peas. It is of the easiest culture and ever-blooming. It climbs readily and is splendid for the window garden, or it may be grown as a bush plant by trimming it back as it grows; tender perennial, 1 to 4 feet..... 10

Hunbergia 718. **Alata**—A half-hardy, low climbing annual, flowers somewhat of the shape of Morning Glory, bright yellow or deep buff, with a large black centre. Mixed, all colors..... 10

Tagetes Signata Pumila 719. Charming dwarf garden annual, flowering in greatest profusion throughout summer and autumn; color bright yellow; very effective for low beds, 1 foot..... 5

Junica 720. **Saxafraga**—Very neat dwarf trailing, hardy perennial, covered with pretty white flowers, good for edging or rockeries..... 5

Torenia For hanging baskets or culture in pots it is unsurpassed, and in summer its brilliancy adds a pleasing variety to outdoor decorations, tender annual. pkt

- 721. **Fournieri, or Edentula**—Sky-blue flowers, indigo blue spots, yellow throat, free bloomer..... 20
- 722. **Bailloni**—Golden yellow with dark throat, distinct and beautiful..... 10
- 723. **"White Wings"**—Attractive, pure white, flushed rose at throat..... 25

VERBENA

Seed sown in January or February will bloom abundantly during the summer and autumn of the same year. The plants are more robust in growth and produce more flowers than those propagated from cuttings. Hence the labor and cost of the old method of obtaining a supply of Verbenas may be avoided. The following varieties have been saved with great care, and may be relied on to produce flowers almost entirely true to their respective kinds.

724. **Mammoth Strain**—This distinct and superb class of Verbenas is a remarkable improvement on the older varieties. It produces flowers of an enormous size, the florets being fully one inch in diameter, with clearly defined margins and white eyes. 3 pkts 25c.

- 725. **Grandiflora Variegata**—Very choice mixed. 1/2 oz 50c..... 10
- 726. **Auricula**—Splendid flowers of large size and bright colors, with large white eye..... 10
- 727. **Blue Varieties**..... 10
- 728. **Scarlet Defiance**—True, brightest scarlet, intensely rich. 1/2 oz 75c..... 10
- 729. **Pure White**—A fine strain of large flowering pure white hybrid Verbenas. Per 1/2 oz 75c..... 10
- 730. **Yellow Leaved (Golden Bedder)**—A very interesting variety with golden yellow foliage, which forms a striking contrast to the deep crimson flowers..... 10
- 731. **Venosa, Purple**—Producing an abundance of flowers. Good bedder..... 10
- 732. **Citriodora (Lemon-Scented Verbena)**—A well-known sort, much liked on account of the sweet-scented foliage..... 10
- 733. **TOM THUMB VERBENAS (Verbena Hybrida Compacta)**—The plants are of exceedingly dwarf, compact growth, not more than 6 inches in height; the branches are only one-half the length of the old varieties, and spread so as to form almost circular bushes about 2 ft. in diameter. Mixed colors..... 10

Venus' Looking Glass 734. **Campanula Speculum**—A free flowering, pretty little plant, adapted for beds or rock work, ribbons or edgings. The plants form a small, spreading mass of about 9 inches high, may be had in bloom for the whole summer by successful sowing. h.a. (Venus' Looking Glass)—Blue..... 5

Veronica 735. Early flowering, hardy perennials, all colors mixed..... 10

Vinca (Periwinkle, or Creeping Myrtle) 736. **Rosea**—Rosy flowers, glossy oval leaves..... 10
737. **Alba**—White flowering..... 10

Viola (Single Violet) 738. **Odorata Semperflorens** (Single Everflowering Violets)—The "Sweet English Violet," a favorite plant, prized for its long-continued bloom and its delicate odor, 6 inches high..... 5

Virginian Stock Hardy, low-growing, profuse flowering annuals, for hedges, small beds or pot culture.

739. **Cheiranthus Maritimus**—Mixed..... 5

Viscaria 740. **Hybrida**—Pretty, profuse flowering, hardy, low-growing annuals of easy culture in any soil. Mixed colors..... 5

Waitzia 741. **Grandiflora** Half-hardy, ever-lasting annuals, 6 inches high, large yellow flowers..... 10

Wallflower The flowers of the Wallflower are deliciously fragrant and greatly prized; the large, massive, conspicuous spikes of the double German varieties have a charming effect, while the more bushy, compact growth and profuse blooming of the single ones render them exceedingly attractive; h.h.p.

742. **Double Varieties**—Mixed..... 10
743. **Harbinger**—Rich, blood-red, 1 foot high..... 10

744. **Single**—Mixed..... 5

745. **Single Annual Wallflower**—This new annual variety will flower throughout the summer and fall, from seed sown in the spring. Every one should now grow some and enjoy the pleasing fragrance of the cinnamon-colored flowers..... 10

Whitlavia 746. **Grandiflora**—Mixed, free flowering, hardy annuals, 18 inches high, bell shaped flowers, 1 inch long, violet blue and white..... 5



Wallflower—Double Mixed—Pkt 10c.



Simmers' Mammoth Verbenas—Pkt 10c.



Zinnia Elegans, Double Large Flowering.

751. **Sulphur Yellow**—Golden yellow flowers, large perfect shape. Pkt 5c.
 752. **Darwini Nana fl. pl.**—Dwarf, Double, distinct. Pkt 5c.
 753. **Haageana fl. pl.**—1 foot, Double flowers, mixed. Pkt 5c.
 754. **Pompone**—Long, cone shape, beautiful; flowers perfect in shape, the colors of which are exceedingly bright and showy; mixed. Pkt 10c.
 755. **Zebra Zinnias**—The flowers of this selection are perfect in shape, of all colors and are beautifully striped, spotted and blotched with different shades. Plants symmetrical and compact, about 2 feet high, mixed colors. Pkt 10c.

ZINNIA (Youth and Old Age)

The Double Zinnia, flowers large, beautifully formed and exceedingly handsome. Few plants in the flower border are more effective; and scarcely any flower, when cut, is more suitable for table bouquets. Being of rather robust habit, it requires but moderately rich soil; these may be sown in the open ground or in heat, according to the time it is desired to flower; half hardy annual. See also Collection Double Zinnias, 6 varieties, page 42.

747. **DOUBLE, Curled and Crested**—A new and beautiful strain of this popular plant, with large double flower of perfect form, the petals being twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the shades characteristic of the Zinnia. Pkt 10c, 3 pkts 25c.

748. **Elegans Double**—Large flowering, mixture of many colors, finest strain in cultivation. Pkt 10c.

749. **Double Scarlet**—Double, fiery scarlet flowers. Pkt 5c.

750. **White**—Pkt 5c.



Wild Cucumber Vine

WILD CUCUMBER VINE

This is the **quickest growing climber** in our list. It will grow thirty feet in one season has dense, graceful foliage which is thickly dotted over with pretty white, fragrant flowers. These in turn are followed by an abundance of small, ornamental and prickly seed pods. Once planted this vine seeds itself and comes up every year.

756. **WILD CUCUMBER VINE**—Pkt 5c, oz 25c.

Wigandia

Grand and magnificent plant with stupendous leaves richly veined, and stems covered with crimson hair. Of rapid growth and splendid habit. It forms one of the finest objects among ornamental foliage plants to impart a

tropical aspect to a garden or for conservatory decoration; h.p.

757. **WIGANDIA Carcassana**—Pkt 10c.

Zea (Ornamental Maize)

Compact in habit, very long and drooping leaves, elegantly striped; a very effective plant, especially in groups and masses.

758. **Zea Japonica Variegata**—Per pkt 15c.

Xeranthemum

759. **Annum**—Double white. Pkt 5c.

760. **Imperiale**—Double dark violet purple. Pkt 10c.

761. **Superbissimum fl. pl.**—Distinct double. Pkt 10c.

SPECIAL MIXTURES OF FLOWER SEEDS

Many persons derive pleasure from watching the growth of a varied bed of flowers, entirely out of the usual trim garden style, while others desire a much more extended collection than their means will permit. To both of these the following mixtures will appeal.

- | | |
|--|--------|
| 762. Flowers for Bouquets | Pkt 10 |
| 763. Low-Growing Annuals | 10 |
| 764. Tall-Growing Annuals | 10 |
| 765. Mixture of Fragrant Annuals | 10 |
| 766. Mixture of Foliage Plants | 10 |
| 767. Mixture of Climbers | 10 |
| 768. Mixture of Evening Bloomers | 10 |
| 769. Everlasting & Ornamental Grasses | 10 |
| 770. Biennials and Perennials | 10 |

771. **Wild-Flower Garden Mixture**—These mixed flower seeds embrace more than a hundred varieties of such easy-growing and pretty flowers as are suitable for forming a wild-flower garden. They are very useful for woodland walks, roadsides, and for sowing alongside of fences and on any untidy bare spots of ground which are frequently unsightly, and which if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer. Per oz 25c, 1 lb 75c, lb \$2.50

5

OUR CHILDREN'S FLOWER GARDEN.

772. Of course the children who read this catalogue are flower lovers and are indulged in the pleasant recreation of caring for them when their allotted tasks are done and lessons learned. Now we wish to encourage and help them if we can. With this purpose in view we have prepared a mixture of fifteen easily grown annuals especially adapted for their use, which will grow and blossom under their own hands, in any flower bed or small plot in the home garden. **Price, large packet, with full directions for sowing and cultivation, 10c. For 5c extra** we will add a packet of the wonderful **Fairy Rose** that blooms from seed the first year. Remember the children's **15c collection** means one packet of mixed flower seeds and one packet of **Fairy Rose** seed, postpaid. The children's **20c collection** includes two named above and packet containing **Sun-flowers, Gourds and Pumpkins**.

Bowker's Food for Flowers.

An excellent Fertilizer for House Plants, Soluble in Water, Free from Odor and Clean to Handle.

It is made expressly for flowers grown in the house or garden. It contains the same plant food as stable dressing, and produces the same result without giving off in the room that offensive unhealthy odor which arises from the application of stable manure. It produces a healthy, luxuriant growth, and induces early and generous flowering, and cannot in any way harm the plant if applied according to directions, which are simple and accompany package.

This **Plant Food** has been sold by us to hundreds of lovers of flowers in Canada, especially during the winter and spring months, never failing to give entire satisfaction to the purchaser.

No. 1 Regular Sized Package—Sufficient for 20 plants for one year, 35c postpaid.

No. 2 Package—Sufficient for twenty plants for three months, 25c postpaid.

Prices in bulk—If by mail, add 4c per lb—4 lbs 60c, 5 lbs 75c, 10 lbs \$1.25, 50 lbs \$6.00, 100 lbs \$12.50. Full and simple directions accompany each and every package.

HELPFUL SUGGESTIONS ABOUT FLOWER BEDS FROM SEEDS.

What to Plant for Fragrance.—Aarabis, Sweet Peas, Asperula, Antirrhinum, Stocks, Mignonette, Wallflowers, Sweet Alyssum, Nicotiana, Musk Plant, Phlox, Odier Pansy, Carnations, Heliotrope, Lemon Verbena, Freesia, Oenothera, Hesperis, Verbena, Petunia.

For Houseplanting—Chinese Primrose, Cyclamen, Gloxinia, Cineraria, Calceolaria, Asparagus, Freesia, Heliotrope, Abutilon, Begonia, Agathe, Coleus, Cyperus, Geranium, Impatiens, Smilax, Lantana, Primula Obconica.

Suitable for Low Borders—Cupid Sweet Pea, Alyssum, Portulacca, Coxcomb, Lobelia, Dwarf Asters, Pansies, Dwarf Nasturtium, Verbena, Pyrethrum, Daisies, Dwarf Phlox, Dwarf Snapdragon, Browalia, Godetia, Dwarf Ageratum, Centaurea (Dusty Miller).

"OLD-FASHIONED" FLOWERS.—Hollyhock, Four O'Clock, Nasturtium, Sweet Alyssum, Sweet Peas, Morning Glory, Forget-Me-Not, China Pinks, Snapdragon, China Asters, Sweet William, Zinnia, Marigold, Mignonette, Pansies, Bachelor's Button, Candytuft, Stocks, Foxglove, Pot Marigold, Larkspur, Poppies, Wallflowers, Sunflower, Sweet Sultan, Phlox, Portulacca (Rose Moss).

Hardy Kinds That Are Permanent—Salvia, Delphinium, Sweet William, Heuchera, Everlasting Pea, Coreopsis, Gentiana, Gypsophila, Hardy Phlox, Hollyhock, Pyrethrum.

What Will Thrive in the Shade and Among Shrubs, etc.—Forget-Me-Not, Mimulus (Monkey Flower), Asperula, Balsams, Campanula, Digitalis (Foxglove), Oenothera, Lobelia, Musk, Daisies, Sweet Violet.

GOOD CLIMBERS—Balloon Vine, Cobaea, Morning Glory, Moonflower, Canary Bird Creeper, Thunbergia, Maurandia, Allegheny Vine, Nasturtium, Smilax, Mina, Mina Lobata, Ampelopsis, Lophospermum, Gourds, Cypress Vine, Balsam Apple, Hop Japanese, Aristolochia (Dutchman's Pipe).

For Cut Flowers, Bouquets, Vases, etc.—Sweet Peas, Asters, Stocks, Gaillardia, Sunflower (Miniature), Mignonette, Bachelor's Button, Verbena, Nasturtium (Tall), Carnations, Snapdragon (Tall), Pinks, Cosmos, Calliopsis, Calendula, Candytuft, Sweet Sultan, Scabiosa, Pansies, Forget-Me-Not, Poppies, Chrysanthemum, Stevia, Matricaria (Feverfew), Canterbury Bells, Blue Daisy (Agathe), Brachycome, Gypsophila, Marigold, Ornamental Grasses.

Surprise Flower Seed Collections.

That we may fill orders promptly in our business we put up nearly all our flower seeds in packages in advance, just as soon as the new stock arrive from our growers, which often leaves towards the close of the season "long" on a number of sorts. Now, rather than throw them away as has been our usual custom, we will make the up into Surprise Collections, and all customers who avail themselves of our offers will experience a real surprise at the value received. The selection varieties must be left entirely to us, but we will consider the wishes of our customers if they will indicate to what use the plants are to be put. These Surprise Collections will not be mailed before May 15th, though orders will be booked at time before that date.

No. 1 Surprise Collection will contain one or more pkts. of different choice sorts of flower seeds. Price 20c.

No. 2 Surprise Collection will contain pkts of different choice sorts of flower seeds. Price 35c.

We guarantee these collections to contain seeds as good as those sold at regular catalogue prices.

Cannas

New Canna Golden Sceptre

Yellow Bedding Canna—After six years crossing, a pure golden yellow Canna, without spots, has been produced that *does not bleach in the sun* like other yellow Cannas; flower stalk branching, from three to six having, by actual count, produced *two hundred flowers to a stem*. The fresh flowering Canna, grown very early and continuously in flower through the entire season; petals $1\frac{1}{2}$ inches broad, 4 inches long, color golden yellow, without spots, lower petals very broad, height $4\frac{1}{2}$ feet, foliage bright green. For massing this Canna will take first place. Price 40c each, 3 for \$1.00, \$3.50 per doz.

New Dark Foliaged Canna

Gigantea—A gigantic dark foliaged Canna has been grown to the height of 8 feet 11 inches, with bright orange-scarlet flowers of good size; when large masses of dark foliage are required this Canna will fill a long felt want. Being a free flowering variety will add to its value; *the foliage is simply superb*. Out of the hundreds of varieties of Cannas grown the past few seasons, this variety stood pre-eminent in its class. It stands severe drought better than any other flowers, standing the heat without the slightest injury. It comes into bloom very early, and blooms continuously, and we have no hesitation in recommending it as a brilliant bedder. Price 40c, 3 for \$1.00, \$3.50 per doz.

We will supply one of each Golden Sceptre and Gigantea 75c postpaid, 3 of each for \$1.75.

New Cannas of Special Merit

Blonde—A fine rich dwarf crimson, with broad massive petals and heavy dark green foliage; 3 feet. 25c each, \$2.50 per doz.

Le d'Or—This is practically a yellow Madame Crozy, which it resembles in size and shape of flower. It is of bright canary-yellow, the lower petals very lightly marked with red. 25c each, \$2.50 per doz.

President McKinley—Brilliant crimson, with bright scarlet shading; truss large, compact, of good shape, held well above the foliage, of compact, dwarf and uniform growth, about 3 feet high, a marked improvement on all crimsons to date. 30c each, \$3.00 per doz.

President Cleveland—It is of strong, robust habit, growing about 3 feet high, with rich green foliage. The flowers, which are bright orange-scarlet, are borne in enormously large trusses, standing well above the foliage, making it very conspicuous; an excellent sort for massing. 30c each, \$3.00 per doz.

En Trelease—The greatest merit of this variety is that the flowers open out flat, which, with its very broad petals, which are of good substance, makes a large, nearly perfect circular flower, different from all other sorts. In color it is the nearest approach to a pure scarlet yet introduced. Very rich and glowing; the edges and centre are marked with yellow about the same as in Madame Crozy. It grows about 3 feet high, with large, freely-branching spikes of flowers, which are thrown above the foliage of just sufficient height to show them to best advantage. 30c each, \$3.00 per doz.

Oray—An entirely distinct striped variety. The flowers are of large size, open out well, and are produced very freely. The ground color is a rich bright yellow, with stripes and dashes of bright scarlet running through almost to the edge of the petals, producing a unique and bizarre effect. 30c each, \$3.00 per doz.

One of each of the above 6 varieties for \$1.50.

Standard Well-tried Varieties

Miral Avellan—The flowers are of good size of a rich orange scarlet color overlaid with salmon in such a manner as to give the whole a peculiarly rich luminous appearance, being of an erect habit, growing about 5 ft. and always forming fine symmetrical plants.

Thonse Bouvier—In color it is the most intensely brilliant crimson yet introduced, and is undoubtedly the best bedding variety now in cultivation for planting in masses.

STRIA—Its wonderful large blooms are of a canary yellow, faintly spotted with purple.

RBANK—The flowers are truly gigantic in size, the three upper petals spreading fully 7 inches, and the form is really semi-double; toward the inner part the lower petals show fine crimson spots; all the rest of the flower is of a most beautiful rich canary yellow. The plant is a very strong grower, five to six feet high, with rich green leaves, very wide almost to the tips; its leaves are much thicker than those of the ordinary Cannas, with a texture not unlike the rubber plant.

aries Henderson—The flowers are deep rich crimson, borne in compact symmetrical heads, above a rich green foliage. The habit of the plant is dwarf—about $3\frac{1}{2}$ feet high—but the foliage is broad and massive.

andale—A fine dark foliaged variety, with flowers of a soft currant red very distinct and striking appearance.

rence Vaughan—The flowers of this splendid sort are of the most perfect form, the petals are even broader than those of the Madame Crozy and more rounded at the ends, and are well opened and of the most brilliant golden yellow, dotted with brightest scarlet, and are the largest of all Cannas, and produced in constant succession.

LIA—The flower spikes produce a number of extraordinary large flowers of a beautiful scarlet color, edged with yellow, a plant that should be in every collection.



Canna "Burbank"

Madame Crozy—The flowers are of the largest size, of a dazzling crimson scarlet, bordered with golden yellow. The plant is of vigorous growth, yet dwarf in habit, seldom exceeding four feet in height. The foliage is of a rich, cheerful green, and very massive.

Paul Marquant—A very beautiful and distinct variety; the individual flowers are the largest among the race and are a peculiar shade of salmon, overlaid lightly with soft, rosy carmine, very pleasing to the eye.

Queen Charlotte—The plant attains a height of about 3 feet, and is furnished with heavy bluish green foliage; the enormous flower spikes, towering grandly above the foliage, bear a beautiful bouquet of large flowers of perfect form, with petals of a rich scarlet crimson, broadly banded with bright canary yellow.

Souvenir de Antoine Crozy—This is a perfect gem, and in our estimation the finest gilt-edged variety yet introduced; the flowers are large, with well rounded petals, which are of intense scarlet crimson, rich and dazzling, and are bordered with a broad rich golden yellow border, and do not fade or scorch in the most intense hot and dry sun.

Any of the above twelve 15c each, \$1.50 doz, per 100 \$10.00.

Chicago—Nearly 4 feet; grand vermillion scarlet; flowers very large and flat, petals broad and five in number, composing a magnificent flower in a very large truss; erect in growth; foliage bright green. 25c each, \$2.50 per doz.

Egandale—(Medal). 4 feet; considered by experts the best in this class. Purple foliage, strong, compact flower spikes, color currant-red. The finest bedding Canna of its color because of its harmony of leaf and flower, and because of its brilliancy it can be seen farthest. 15c, 3 for 40c.

Eldorado— $3\frac{1}{2}$ feet; foliage green, large, yellow flowers, finely speckled with lightest red; they never fade, but drop off the flower stalk as they pass perfection, leaving it bright and clean, so that the bed is always a mass of the brightest golden yellow. 20c.

Flamingo—One of the finest solid crimson varieties yet introduced, with large flowers over 4 inches in diameter, heavy in texture, and of the most refined reflexed form so much sought after, and which is found in very few varieties. They cluster around the stem in an even manner, giving the truss the grace and finish of a Hyacinth spike. Its habit is perfect, strong and compact, growing about 3 feet high. 25c each, \$3.00 doz.

Mrs. Fairman Rogers—3 feet; green foliage; an improved Madame Crozy, of dwarf, compact habit; a profuse bloomer, forming large flower trusses of a brilliant red, banded with a narrow border of yellow. Each 20c, 6 for \$1.00.

Papa— $3\frac{1}{2}$ feet; green foliage; considered by many the finest red; strong grower, throwing up immense spikes of flowers; the florets being of grand size and fine form; color, pure red; habit of plant graceful. Each 20c, 3 for 50c.

Cannas, Mixed, Unnamed—These include many seedlings and varieties of merit, and variety of colors; for beds, borders or clumps they will make a handsome display. Each 10c, per doz \$1.00, per 100 \$8.00.

DAHLIAS

The Dahlia is the grandest Autumn flower we have. There is nothing to equal it in September or October when everything else is faded or fading, and it surrenders only to frost. Tubers should be planted when the season becomes warm, covering the neck about 3 inches. If many shoots start thin out. Take up plants before hard frost, cut off tops, dry the tubers a little, and put in cellar until Spring. There are four distinct classes, viz.: **Large Double, Dwarf Double, Cactus and Single.** All are grand, and the entire collection should be planted. Tubers can be sent as soon as all danger from frost is past, about April 1st. **Prices below include postage.**

New and Standard Varieties of Tall Double Dahlias

- Beauty**—Large, pure white, extra fine.
Bishop of Durham—Peculiar shade of yellow and slate.
Butterfly—Yellow-striped carmine.
Charles Lidgard—Deep yellow, edged with red.
Cherry Red—Light red. **Dr. Box**—Bright red, very fine.
Countess—Large yellow. **Elegans**—Rosy purple, tipped white.
Emily Edwards—White tipped lavender.
Empress of India—Large, white, tipped with purplish lilac.
Florence Stark—White, striped with purple; best of its color.
General Gordon—Yellow striped scarlet.
Hector—Large, Cherry Red, finest form.
Jezebel—Dark maroon, white tip, showy, good form.
John Forbes—Fawn color, striped maroon.
Lady Mildmay—Light lilac.
Leader—Dark purple, large flower.
Mantas la Villa—Very deep rose.
Miss Browning—Clear yellow, tipped with white.
Miss Marsh—White, deeply edged with rose purple.
Modesty—Blush, light centre, large, always perfect.
Mrs. Cox—Pure bright yellow.
Oriole—Pale yellow, deeply edged with white.
Perfect Vallon—Beautiful rich cardinal red.
Pioneer—Crimson, nearly black.
Queen Mab—Red, tipped and edged with white, very showy.
Queen Victoria—Yellow, edged, deep rose.
Roseland—Light yellow.
Triomphe de Pacque—Dark maroon, good form.
PRICE—15c each, any 4, 50c; doz \$1.50.

DWARF

Double Bouquet Dahlias

So-called from their compact and dwarf habit of growth; flowers smaller than those of the Standard Dahlias, but perfect and very double.

- Allie Mourey**—Blush white, tipped pink.
Crimson Beauty—Finest crimson.
Cupid—White ground, tipped rose.
Eleganta—Soft pink, tipped deep pink.
Iscuit—Very small, pure yellow.
Little Hugo—Dark maroon, very double, one of the best.
Little Valentine—Bright purple maroon.

PRICE—15c each; any 4, 50c; per doz \$1.50.



Clifford W. Bruton

- Little Prince**—Red tipped, white.
Perle—Deep red, tipped yellow.
Scarlet Gem—Heavily tipped scarlet.
Snowflake—Pure white.
White Aster—Pure white, quilled.

THREE GRAND DAHLIAS

New Pure Yellow Dahlia, CLIFFORD W. BRUTON

This superb new variety is acknowledged by all who have seen it to be the finest yellow decorative Cactus Dahlia ever produced and is the greatest acquisition since Nymphæa. It is a very strong, sturdy grower, and an extremely profuse bloomer for so large a flower. The flowers are large, 5 to 6 inches in diameter, and perfectly full to the centre. The color is a solid pure yellow, the clearest, of the richest shade. Unlike many other varieties, there is no green centre at any time, even when the buds are first expanding. This is because the petals are very long, and because the bracts, which are green and heavy in most varieties, are transparent in this one. On this account the flowers can be cut at any stage of development, and as they are borne on very long, graceful stems, they are invaluable for cutting or exhibition purposes. This variety has been exhibited the last three years, and is more highly praised each year. 50c each, 2 for 90c.

WM. AGNEW

The grandest red Cactus Dahlia ever produced, and one that will eventually find its way into every collection. The flowers are large, sometimes measuring more than 7 inches in diameter, and always full to the centre; of perfect form and exquisite quality and finish while the color is the richest shade of intense dazzling red. The petals are very long, the outer rows being beautifully twisted; the plant a strong, symmetrical grower, and, owing to perfect habit, will be especially valuable for every purpose. 4 each, 2 for 75c.

MRS. PEART

Is the first real white Cactus Dahlia ever raised. The plant is of medium growth, exceedingly floriferous, and the flowers stand clear above the leaves—great advantage. The flowers are of medium size, of the pure white, with a slight tinge of lemon in the centre when it first opens; this dies off as the flowers age. 20c each, 3 for 50c.

SPECIAL OFFER

One of each of the above 3 Dahlias 90c, postpaid.

Double Dahlias

(CACTUS VARIETIES)

The following varieties were selected while in flower especially for our sales. They are among the finest show varieties grown, each distinct in appearance, and the colors are such cannot fail to please.

- Cactus Queen**—Rich bluish red, very decided color.
Charming Bride—White, pink tipped.
Fern Leaved Beauty—Foliage finely cut like that of a fern, growing Fern. Color creamy white, with petals heavily bordered with dark crimson.
Henry Patrick—Pure white, free.
King of Cactus—Reddish crimson shade, large bracts.
Mrs. Geo. Reid—Pure white, edged soft rosy lake.

Maid of Kent—Cherry red, tipped white.

Nymphæa (the Pink Water Lily Dahlia)—Flowers of large size, very heavy, broad petals, the centre cupped or incurved; shrimp pink shading slightly darker.

Orange King—Rich glowing orange, free bloomer.

Sunlight—Very large, pale yellow.

William Pearce—Bright yellow, perfect.

15c each; any 4, 50c; per doz \$1.50.

Mixed Dahlias

We have a large stock of Mixed Dahlia Roots from which the last have been lost, among them will be found some of our very best varieties. We offer these for 10c each, 3 for 25c, 75c per doz., \$5.00 per hundred.

SIX CHOICE SINGLE DAHLIAS

- Duchess of Fife**—Amber, bordered orange red.
Enchantment—A pretty combination of red and yellow.
John Cowan—Crimson, shaded maroon.
Kate—Intense orange-scarlet maroon.
Mrs. L. C. Bassett—Maroon, striped lilac.
Snow Queen—Pure white.

Price—15c each, 4 for 50c, \$1.50 per doz, the set of 6 varieties for 7

Bulbs that Bloom,
 AS WELL AS
Seeds that Grow.

quoted on these pages, will be found generally to be either inferior in quality or not well-ripened, full-size BULBS that will BLOOM the first season.

We are able to make, this year, prices lower than ever before. We have reduced prices on BULBS, and PLANTS, as well as on SEEDS, but in every case are careful to supply only the BEST. Bulbs offered at prices lower than



GLADIOLUS FREE BY MAIL AT PRICES QUOTED.

SPECIAL NAMED VARIETIES

More—Bright salmon rose.
Princain—Slaty brown on scarlet ground, streaked and blotched.
Malthee—Pure white, large violet-red blotch.
Lyppo—Flesh colored rose, streaked rose.
Camelion—Slaty lilac flowers, flamed orange.
Conquete—Bright cherry red, pure white blotch.
Delicatissima—White, suffused with soft lilac.
Richness of Edinburgh—Purplish rose, with carmine stripe.
Marck—Cherry color, tinted orange.
Bains—Clear light red.
Storoon—Beautiful salmon pink.
Pita—Golden yellow, striped carmine.
Alia—White flamed and streaked with carmine.
 Any one of the above list of select varieties \$0.10
 Doz of each of the 13 varieties (entire list) 1.00
Now White—Pure white. Each 15c, 4 for 60c.
 \$1.75 per doz.

GIANT OR CHILDSI GLADIOLUS

The flowers are of great substance and of gigantic size. The form of both the flower and spike is perfection itself, but the most remarkable feature is their coloring. Orchids cannot surpass them in their varied and delicate shades, markings and findings. Every color known among Gladiolus is represented, and many never before seen, particularly blues, smoke-grays and purple-blacks, all giving beautifully mottled and spotted throats, made up of white, crimson, pink, yellow. Price, 10c, 3 for 25c, 12 for 90c, postpaid.

OUR 25c. COLLECTION

*Six Bulbs—All
Named Separately.*

A true bargain introduction arranged as a surprise offer to our customers for a trial, all first size bulbs

Ceres —Fine striped and variegated.....	5	Madame Monneret —Delicate rose.....	5
John Bull —A first-class white.....	5	Napoleon III. —Scarlet and white.....	5
Isaac Buchanan —Best yellow.....	5	Robert Fortune —Orange veined white.....	10

OUR 50c. COLLECTION

*Twelve Bulbs—All
Named Separately.*

Angele —Soft mother-of-pearl color.....	10	La Favorite —Rose-flamed carmine.....	10
Brenchleyensis —Vermilion, scarlet.....	5	Madame Monneret —Delicate rose, with white stripe.....	5
Ceres —Pure white, spotted with rose.....	5	Napoleon III. —Bright scarlet, striped white in centre of petal.....	5
Elizabeth —Dark rose, flamed carmine purple.....	10	Eugene Scribe —Rose blazed carmine.....	5
Grand Rouge —Intense scarlet, violet blotch.....	10	Romulus —Dark red, white blotch.....	8
Isaac Buchanan —Fine yellow.....	5		
John Bull —White, tinged sulphur.....	5		

OUR GRAND MIXED GLADIOLUS

Our Mixed Gladiolus are very fine indeed, being choice varieties only. All old and common ones have been discarded, and customers can depend upon having a large and magnificent variety of colors.

	Each.	per doz.	per 25.	per 100.
Simmers' Extra Fine Mixed.....	\$0 03	\$0 30	\$0 60	\$1 75
Popular Cheap Mixture.....	0 02	0 20	0 35	1 25
White and Light Varieties, Mixed.....	0 05	0 50	1 00	3 50
Striped and Variegated, Mixed.....	0 05	0 50	1 00	3 50
Pink Varieties, Mixed.....	0 05	0 40	0 75	2 00
Red and Scarlet Varieties, Mixed.....	0 03	0 30	0 60	1 50
Yellow and Orange Varieties, Mixed.....	0 05	0 50	1 00	3 50
Mixed Lemoine's Seedlings.....	0 05	0 35	0 70	2 00

Remember all are postpaid at prices quoted except 100 Lots. The 100 rate does not include carriage

TUBEROUS ROOTED BEGONIAS.



Single Tuberous Begonias

These are certainly grand summer blooming plants for beds, whether singly or in masses. As pot plants they are also unequalled with their many varied colors of white, yellow, pink, scarlet and red—great waxy flowers measuring from three to six inches across. The double-flowering sorts resemble beautiful roses. Plant out in May, a foot or so apart, one inch deep, and well-watered at all times. Take up on the approach of cold weather. For growing in pots start at any time after January.

Giant Single Varieties—Separate colors, White, Scarlet, Pink and Yellow. Each 10c, per doz \$1.00, four bulbs, one of each color, for 1c, 25 for \$1.50, 100 for \$5.50.

Giant Single Mixed—Each 10c, 4 for 30c, per doz 75c, 25 for \$1.35, 100 for \$5.00.

Giant Double Varieties—Separate colors, White, Rose, Scarlet and Yellow. Each 20c, 3 for 50c, doz \$1.75, 25 for \$3.00, 100 for \$11.00.

Giant Double Mixed—Each 15c, 4 for 55c, per doz \$1.50, 25 for \$2.75, 100 for \$10.00.



Amaryllis Vittata
Hybrids

AMARYLLIS

Formosissima (Jacobean Lily)—Flowers of a deep velvety crimson color, handsomely formed, very striking. Each 10c, 6 for 50c.

Equestre—The flowers have very spreading, graceful petals of bright salmon pink, with a distinct snow-white blotch at the base of the petals. Each 25c, 4 for 90c.

Tretea (Fairy Lily)—Bulbs can be planted at any time during the winter or spring, and will soon bloom. They should be potted in sandy soil and five or six can be planted in a five-inch pot. Each 5c, doz 50c.

Vittata Hybrids—Beautiful, large-flowering, new seedlings from choicest varieties; bulbs are of an immense size and will produce something grand. Each 50c, doz \$5.00.

Johnsonii (Spice Scented)—It is impossible to name a more magnificent bulbous plant than this; its immense flowers, richness of coloring and regal habits are simply incomparable; it throws up a spike about 18 inches high, bearing from two to six flowers, averaging four to six inches across, of a bright rich red color, with a white stripe down each petal; it also has a rich, spicy fragrance. This variety is the most robust and luxuriant and the earliest to flower of the whole Amaryllis family, and is a prolific bloomer, and it is of easy culture. 25c each; extra large bulbs, 50c each; 2 for 90c.



Lilium Auratum

The Three Queens

**NO FLOWER GARDEN IS COMPLETE WITHOUT THESE
THREE GRAND LILIES**

*Their Ease of Culture, Hardiness and Freedom of Bloom
Commend Them to Every Flower Lover*

AURATUM (Gold Banded)

Justly famous as the most beautiful and fragrant of all Lilies (selling at \$5.00 per bulb when first discovered in Japan); flowers white, dotted crimson, with a clear, broad, golden band running through the centre of each petal. Good bulbs will produce from 10 to 25 fine blooms, 7 to 12 inches across, on a stalk 3 to 4 feet high. It is hardy, but unlike Rubrum, newly imported bulbs should be planted every two or three years. The splendid flowers produced and the present very low price of the fine, large bulbs, justify annual planting.

First Size Bulbs	Each 15c., 4 for 50c., dozen \$1.50
Extra "	20c., 4 for 75c., " 2.00
Mammoth Size Bulbs	30c., 4 for \$1.00, " 3.00

ALBUM (Speciosum)

Pure white, with beautiful recurved petals; very fragrant. This, with Rubrum and Melpomene, belongs to the "Speciosum Section," which are distinct, graceful and free-blooming. They are hardy, needing very little protection; will grow and flower without any special treatment; by far the best for general cultivation.

First Size Bulbs	Each 20c., 3 for 50c., dozen \$2.00
Extra "	25c., 3 for 65c., " 2.50
Mammoth Size Bulbs	35c., 3 for \$1.00, " 3.50

RUBRUM (Crimson-Banded)

This is as easily grown and as reliable as a Gladiolus or Dahlia bulb, probably giving the best satisfaction of any Lily. The magnificent flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are 5 to 6 inches in diameter, very fragrant, and having all the hardiness of the Speciosum class. The bulbs succeed best when they remain undisturbed in the ground for several years, increasing in size, as well as in size of flowers, stalk and number of blooms.

First Size Bulbs	Each 15c., 3 for 40c., dozen \$1.50
Extra "	20c., 4 for 75c., " 2.50
Mammoth Size Bulbs	30c., 4 for \$1.00, " 3.00

SPECIAL OFFER

One first size bulb each of the three grand sorts (postpaid) ..	40c
" extra size " " " " " ..	60c
" Mammoth " " " " " ..	85c

LILIES

All Bulbs are sent by mail, postpaid, unless noted

Roseum (Speciosum)—White shaded and spotted with rose. Each 15c doz. \$1.50.

Melpomene (Speciosum)—A valuable addition to this class. Each petal is completely covered with blood-red, except a clear, frost white border; the papillae are of a black crimson. Extremely hardy and perfectly hardy. Each 30c, per doz \$3.00.

Longiflorum—A variety bearing in clusters beautiful snow-white trumpet-shaped flowers of rare fragrance; almost exactly like Lilium Harri-i in shape, but blooms later, extending the season of the beautiful kind. Each 15c, doz \$1.50.

Brownii—Magnificent variety with large flowers, pure white inside purple tinted outside, stamens of a rich chocolate color, one and half to two feet high, blooms in June. Each 40c.

Chalcedonicum—Bright scarlet recurved flowers, blooms in June, feet. Each 50c.

Martagon—Purplish red, spotted with dark purple, prolific bloomer 2 to 3 feet high, blooms in mid summer. 15c each, \$1.50 per doz.

Tenuifolium (Coral Lily of Siberia)—Flowers vivid scarlet, with petal reflexed; very showy and free flowering, blooming early in the spring; very easily grown, requiring only a well-drained, sandy soil. Each 25c, 5 for \$1.00, 12 for \$2.00.

Excelsum—This stately and beautiful variety grows from 5 to 6 feet in height, and bears from 6 to 12 fragrant, nodding flowers, of a delicate buff color. Each 50c, 3 for \$1.35.

Tigrinum—Spotted Tiger Lily. Each 15c, \$1.50 per doz.

Tigrinum fl. pl.—Spotted Tiger Lily, with double flowers. 10c each 6 for 50c.

Candidum—The pure white garden Lily; flowers snow white, with heavy, yellow stamens; hardy and free-blooming, bearing 5 to 2 blossoms. Plant early and leave them undisturbed. Each 10c, 3 for 25c, 6 for 50c, \$1.00 per doz.

Orange Lily (Bulbocodium Aurantiacum)—Each 15c, \$1.25 per doz.

WALLACE'S NOTES ON LILIES—An interesting and valuable book on Lilies, indispensable to Bulb Growers. Illustrated. Cloth, 215 pages \$2.50.

LILY COLLECTIONS

To make these beautiful flowers more popular we offer the following very cheap:

Popular collection of 10 Separate Varieties for \$1.25, postpaid.

ONE BULB EACH—Auratum, Speciosum Roseum, Speciosum, Rubrum, Speciosum Album, Candidum—Longiflorum, Martagon, Tigrinum, Tigrinum fl. pl., Tenuifolium.

Popular collection of 5 Separate Varieties for 75c, postpaid.

ONE BULB EACH—Auratum, Speciosum Roseum, Speciosum Rubrum, Speciosum Album, Candidum.

Miscellaneous Bulbs, Etc.

Apios Tuberosa—Its clusters of rich, deep purple flowers have a strong delicious violet fragrance. They grow to a great height and bloom profusely. The bulbs are hardy and need not be taken up. Each 50c doz. 50c.

Cyclobothra Flava—The habit of plant and bloom is similar to Bessera; the color is clear, golden yellow, with intense black spot on each petal. Each 10c, 3 for 25c, 90c per doz.

Chlidanthus Fragens—The large flowers, which are borne in dense clusters during the months of July and August, are of a deep canary yellow color and extremely fragrant. Each 10c, per doz. 75c.

CINNAMON VINE

(Dioscorea Batatas)

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy-green; growth is very rapid, reaching about eight feet in height; quite hardy. Good roots 5c each, 3 for 10c, 25c per dozen.



**Dwarf Calla "Little Gem."****CALLA DWARF LITTLE GEM**

Indeed a "pigmy," scarcely ever exceeding the height of 1 foot, yet producing good sized flowers in great abundance. The flowers will be found exceedingly useful for "out flower work." Price—Each 20c.; 3 for 50c.

WHITE CALLA (Lily of the Nile)

pure white; splendid bloomer. Each 15c. 4 for 50c.

Spotted Leaf Calla (Richardia Alba Maculata)

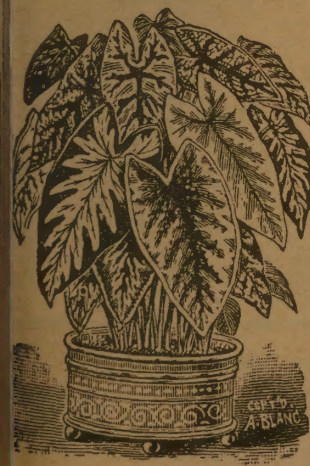
A very ornamental plant, even when not in bloom; foliage beautifully marked with transient white spots showing to great advantage before a window. Flowers white, with black centre. Blooms splendidly in the garden or as a pot plant. Large bulbs, to bloom at once. Price—Each 15c.; for 50c.; doz. \$1.25.

New Yellow Calla (Richardia Hastata)

Everyone is familiar with the well-known White Calla Lily. This fine variety we now offer identical with this in every respect, except the color, which is pure yellow, so that the great value of this grand novelty can be readily appreciated by all. Genuine imported stock. Each \$1.00.

"Black Calla" Lily (Arum Sanctum. Solomon's Lily)

The large wavy leaves, which are of a rich green color, veined, light green, resemble those of Calla Ethiopica. The flower is about 14 inches long and from 7 to 9 inches across, of a brilliant dark purple color. The spike, rising about 10 inches from the centre of the flower, is velvet-like and quite black. Price, —Extra large roots, each 20c., or 3 for 50c.

Black Calla**Fancy Caladium****CALADIUM**

(Fancy Leaved Varieties)

A most beautiful class of plants, with the brightest and most peculiarly marked leaves of any foliage plant. They are easily grown, and from the 1st of June until October no house plant can vie with their beauty. Bulbs must be stored in the winter where it is quite warm and not too dry. Our collection consists of thirty fine varieties. Each 25c.; 4 for \$1.00; per doz. \$3.00.

COOPERIA DRUMMONDI

(The Giant Fairy Lily)

Plant in spring, either in open ground or pots, where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems 10 to 15 in. high. In the fall lift the bulbs and keep dry over winter. One of the easiest bulbs to grow, sure to bloom freely. Strong bulbs 5c. each; 6 for 25c.

Caladium Esculentum

(or Elephant's Ears)

One of the most beautiful and striking ornamental foliage plants in cultivation, either for culture in pots or for planting out upon lawns. It will grow in any good garden soil, and is of the easiest culture. When of full size it stands about 5 feet high, with immense leaves, often measuring 4 feet in length by 2½ in. breadth. Price—Per 1st sized root, each 25c., per doz. \$2.50; 2nd size 15c., doz. \$1.50; small size 10c. each; \$1.00 doz.

CRINUMS

Kirkii—The grandest variety of this group. The flowers are fragrant, petals broad and white, with a deep purple reddish stripe through the centre. Usually two flower stalks are sent up, each bearing a large cluster of 12 to 20 flowers. It blooms with the greatest freedom. Extra large bulbs, each 50c., medium size bulbs 25c. each.

**Crinum Capense**

Crinum Americanum—The flowers are pure white, waxy-like and fragrant, and are produced in great profusion. Strong flowering bulbs, each 20c.; 3 for 50c.

Crinum Capense—Rose, sweet-scented, one of the finest Crinums; hardy with slight protection, producing many flower stalks 2½ to 4 feet high, crowded with 10 to 15 blooms. Each 30c.; 3 for 75c.

Special Offer—One of each of the three varieties 90c., postpaid.

**Gloxinia, with erect bloom
HYACINTHUS CANDICANS**

A very striking and beautiful plant. It is a strong grower and quite hardy, shoots upwards a stem 4 or 5 feet high, which bears quantities of drooping, ivory-white bell-shaped flowers, of delicate fragrance. It is very attractive, planted among shrubbery or with Lilies or Gladioli. Each 10c.; 3 for 20c.; per doz. 75c.

**Caladium Esculentum****GIANT CYCLAMEN**

Certainly most interesting and beautiful winter and spring flowering bulbs. Not only are the flowers of striking beauty, but the foliage is also highly ornamental, being handsomely marked with various shades of green, gray and white.

Giant Rose—25c. each, per doz. \$2.50.

Giant White—25c. each, per doz. \$2.50.

Giant Red—25c. each, per doz. \$2.50.

Giant Mixed—20c. each, per doz. \$2.00.

**Giant Cyclamen****Cypella Herberti**

(Golden Cup)

The flowers are of a deep golden yellow, each petal, having a broad, rich purple stripe through the centre, and spots of the same color at the base. As the flowers are produced in quick succession and many on a spike, it is scarcely ever out of bloom. Keep dry in winter. Each 20c.; 3 for 50c.

GLOXINIA

A charming class of summer blooming bulbs, which succeed with ordinary care. They should be grown in a moderately shady place, as the sun burns the foliage when wet, making brown spots appear.

Our mixtures include flowers of lovely form and hue, comprising all shades of color. For those who do not care about special color, they will be found very desirable, as only fine varieties have been kept, poor and dull colors being discarded.

Our Finest Mixed Bulbs—15c. each, 4 for 50c., doz. \$1.50.

**Cypella Herberti**

Lily of the Valley

No flower so easily wins our love and keeps it forever as the Lily of the Valley—the sweetest and most delicate flower, being perfectly hardy, and each succeeding year rewarding the grower with greater abundance of deliciously fragrant blossoms. Strong clumps, each 35c. Strong pips, 5c each; 6 for 20c; 12 for 35c.

Maderia Vine

A tall half-hardy, tuberous-rooted, climbing plant, of rapid growth, bearing copious and graceful racemes of deliciously fragrant white flowers, very useful for screens and trellis work. Each 5c; 3 for 10c; doz 30c.

**Montbretia Crocosmiaeflora****Montbretia Crocosmiaeflora**

Showy flowers on spikes 12 to 24 inches long; bright orange, dotted purple. Each 5c, doz 50c.

Summer Flowering Oxalis

Valuable for edging walks, flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage 1 foot high, which produce flowers in endless succession.

Versicolor—White margined vermillion. Each 5c; 3 for 10c; doz 30c.

Lasiandra—Rosy pink. 5c each, 3 for 10c, doz 30c, \$2.00 per 100.

Dieppi—Rosy white. 5c each, 3 for 10c, doz 30c, \$2.00 per 100.

TIGRIDIAS (Peacock Tiger Flower, or Mexican Shell Flower)

Extremely handsome summer flowering bulbs growing about 2 feet high, producing large gorgeous flowers, exquisitely spotted.

Conchiflora (Mexican Shell Flower)—Dark yellow, large red spots. Each 5c, per doz 45c.

Pavonia (Peacock Tiger Flower)—Very large, bright crimson centre, mottled with yellow. Each 5c, per doz 45c.

Grandiflora Alba—Flowers large, ivory white, spotted at the base with red on a yellowish ground, forming a fine contrast with the white of the petals. Each 10c, per doz 90c.

SPECIAL OFFER—One each of the above three varieties for 15c; or three bulbs of each variety for 40c.

Milla Biflora

(Mexican Star or Fr st Flower)

This charming flower blooms profusely all summer; the flowers are full three inches in diameter, and pure waxy white; they are borne on slender, rush-like stems. Each 5c, 3 for 10c, per doz 40c.

**Milla Biflora****Pancratium Maritimum****Spider Lily**

Pancratium Caribbæum (Spider Lily)—Planted out in wet places during summer it will produce many spikes of fragrant flowers, in dense clusters, lasting several weeks; grand for indoors, blooming even if grown in water. Each 20c, 3 for 50c, 7 for \$1.00.

Pancratium Maritimum (The Sea Daffodil)—The large white flowers are boldly relieved by a green stripe. Their beautiful odor is also a great attraction. As a cut flower they last for many days. It will certainly give satisfaction. Each 20c, 3 for 50c, 7 for \$1.00.

Pancratium Calathinum (Basket Flower)—Grand species, exceedingly fragrant white flowers 3 in. long by 4 in. wide, lasting a long while. Each 35c, 3 for \$1.00.

**The Resurrection Plant**

(Or Rose of Jericho)

Imagine a bunch of withered-looking, curled-up shoots, brown, stiff and apparently dead, resembling a bird's nest. Place it in water; in an hour what a transformation! The withered-looking bunch has now opened, and is transformed into a patch of bright, green moss. Each 15c, 2 for 25c.

\$1 SPRING BULB COLLECTION

Contains 25 Summer Flowering Bulbs, which we will send free by mail or express for only **One Dollar**:—1 Milla Biflora; 1 Madeira Vine; 3 Mixed Gladioli; 1 Lilium Longiflorum; 3 Fine Oxalis; 1 Cyclobothra; 2 Pearl Tuberoses; 1 Amaryllis Treata; 1 Tigridia; 1 Spider Lily; 1 Double Dahlia; 3 Cinnamon Vines; 1 Caladium (Elephant's Ear); 1 Hyacinthus Candicans; 2 Tuberous Rooted Begonia. This Collection will furnish flowers from early spring until late in the fall, and if properly cared for the Bulbs can be stored over winter and planted again in the spring.

DOUBLE TUBEROSE BULBS

(Sweetest-Scented Flower that Blooms).

CULTURE—The growing plant is fond of light and heat, and must have full sunlight when bedded, and plenty of water when it begins to grow freely, but not too much water when first planted, and should not be planted outside before May 1st.

Excelsior Pearl Tuberose—An improved strain of the Double Pearl; bearing very heavy spikes of largest double flowers, mammoth bulbs. Each 5c, 6 for 25c, per doz 40c, 100 \$2.75.

Tuberose Albino (Single Flowered)—Branching habit. Price each 5c, 6 for 25c, 12 for 50c.

**Excelsior Pearl Double Tuberose****Zamia Integrifolia**

When in full leaf this noble plant presents a highly tropical appearance, only rivalled by the high priced Sago Palm, which it resembles in appearance, the foliage is very lasting, remaining on the plants for years, and enduring the heated air of rooms with impunity. Start the dry roots in a sandy soil in a warm place.

Dry Roots, each.....35c

Zephyranthes

The Zephyr flowers or "Fairies Lilies," are gems of rare beauty. Planted in pots, or in the open ground, they produce very beautiful lily-like flowers all summer, and will be greatly admired by all who see them.

Atamasco—Large, pure white. Each 5c, doz 50c.

Rosea—Beautiful, clear rosy pink. Each 5c, doz 50c.

Water Lilies

(Nymphaeas).

Red Water Lily (N. Devon-ionis).....\$0 7

Blue Water Lily (N. Zanzibar-ensis Azurea).....7

Pink Water Lily (N. O. Rosea)..7

Giant Water Lily (N. Odorata Gigantea)—3 for 65c; each2

White Water Lily (N. Odorata).2

Parrot's Feather (Myriophyllum)2

Special Offer We will send postpaid, one each of the above Water Lilies for.2 5

50c. SPRING BULB COLLECTION

Contains 14 Varieties Summer Flowering Bulbs which we will send free by mail or express for only **50 cents**:—1 Double Dahlia; 2 Gladioli; 3 Cinnamon Vines; 1 Tuberose; 1 Milla; 1 Hyacinthus Candicans; 1 Madeira Vine; 1 Tigridia; 3 Oxalis. All the above Bulbs are fully described, and most of them illustrated in the Bulb Department of this Catalogue. **Compare the Retail Prices.**

Snake Lily

(Sauromatum or Amorphophallus Simlense).

A very remarkable flower, 15 inches long, the inside of which is of a peculiar golden color, spotted purple, while the back is of metallic brown. Fine palm-like foliage; large bulbs. 25 cents.

ASPARAGUS



Asparagus Sprengeri.
The Finest Window Plant.

SPRENGERI—A most desirable new species, especially useful to grow as a pot plant for decorative purposes or for planting in suspended baskets; the fronds are frequently four feet long, of a rich shade of green, and most useful for cutting, retaining their freshness after being cut for weeks. It will make an excellent house plant, as it withstands dry atmosphere, and will succeed in almost any position. We consider this one of the best house plants introduced for many years. Strong plants 20c each, 3 for 50c.

PLUMOSUS NANUS—This graceful climbing Asparagus has to a great extent taken the place of the once popular *Smilax*, in all fine decorations. It possesses the advantage of being much more graceful, its foliage being finer than that of the most delicate fern, and will last for weeks after being cut, the whole plant being of a bright cheerful green. It is an excellent house plant succeeding under almost any conditions. 20c each; 3 for 50c.



Asparagus Plumosus

Flowering Begonias

Alba Picta—The leaves are glossy green, freely spotted with bright silvery white. 15c.

Argentea Guttata—Upright grower, largely spotted white, 15c each.

Manicata—Strong growing, glossy foliage. 15c each.

Manicata Aurea—Its large glossy green leaves are beautifully blotched with creamy white, with clear carmine etchings in the matured leaves. 20c each.

Metallica—Very large glossy leaves, shaded with green, crimson and olive, with a peculiar metallic lustre all over. Flowers large, dark pink in color. 15c.

Odorata—White, sweet-scented. 15c each.

Otto Hacker—Plant, a strong, vigorous grower, stiff, upright habit with large, shining deep green leaves, 8 to 10 inches long. The flowers are borne in immense pendent clusters 8 to 10 inches across, twelve to twenty-five large flowers in a cluster. Color a beautiful bright coral red. 20c each.

Sandersonii (Coral Begonia)—The flowers are of a scarlet shade of crimson, borne in profusion for months at a time; leaves lightly edged with scarlet. 15c each.

Sutton's Pink Perfection—Glossy leaves, pink flowers. 20c each.

Sutton's White Perfection—White, 20c each.

Thurstoni—Rich pink flowers, metallic green leaves. 20c each.

Vernon—Foliage rich glossy green, often shaded deep bronze. Flowers deep red, changing to a beautiful clear rose in the fully open flower. 20c.

Zebrina—Handsome metallic shaded leaves. 15c each.

SPECIAL OFFER } Any Three 15c. Varieties for 40c. postpaid.
Any Three 20c. Varieties for 50c. postpaid.

Rex Begonia (Ornamental Leaved Varieties)—Many improvements have been made in recent years in this useful house plant. Our collection, which contains some 20 varieties, embraces all the good old varieties, as well as the best of recent introduction. (See cut.) 20c each, 3 for 50c.



Rex Begonia



Begonia—Otto Hacker

Benperflorens Gigantea Rosea—Vigorous grower, producing magnificent bunches of cardinal flowers from October till May. 20c each.

SURPLUS COLLECTIONS.

These Surplus Collections of Plants and Bulbs we are ready to fill by May 25th, and will send plants amounting to not less than \$2 at catalogue prices and pay postage; if ordered express we can send many more plants and of larger size; but they are always of our selection. Price \$1.00. Ready May 25th.

Chrysanthemums

STANDARD VARIETIES

We give below a list of the very best Chrysanthemums, the cream of recent introduction.

Any of the following list 10c. each, 3 for 25c, 12 for \$1.00.
One each of the 24 varieties \$1.80, postpaid.

H. W. Rieman—Deep golden yellow, very bright.

Yellow Queen—Very clear bright yellow, with extra stout stem and foliage.

Miss M. M. Johnston—Beautiful foliage, stiff stem, deep golden color.

Marie Louise—Beautiful recurving white, with interlacing petals, forming a plummy globe.

Marion Henderson—The earliest of all the large flowered yellows, being in perfection by October 10th.

The Queen—The flower excels all in pure whiteness, is extra large, broad and deep petals heavy and thick.

Mrs. E. G. Hill—Bright, clear pearl pink, form full to centre, a grand incurving sphere.

Golden Wedding—Undoubtedly the grandest golden yellow variety.

Niveus—A grand snow-white variety.

Good Gracious—Delicate shade of peach pink.

Pres. Wm. R. Smith—Pure self pink.

Geo. W. Childs—Deep crimson; flowers massive, immense size; stems strong and erect.

Hicks Arnold—Large full double flowers of an old gold color, spherical in shape.

Ivory—Pure white, a splendid free-flowering variety.

Chas. Davis—Light yellow, suffused rich apricot.

E. Dailedouze—Brightest yellow.

H. L. Sunderbruch—Bright golden yellow, of fine incurved form, large size.

John Shrimpton—Bright velvety crimson scarlet.

Major Bonaffon—Soft clear yellow, incurved.

Mayflower—Large incurved white.

Mrs. Jerome Jones—Waxy white incurved petals.

Miss Minnie Wamannaker—Creamy white, large incurved flower.

Mutual Friend—Pure white, reflexed petals.

Philadelphia—White tipped lemon yellow.



Chrysanthemum



Begonia—Alba Picta



Carnation
(Daybreak)

CARNATIONS

Alaska—Very fine, large, pure white.

Anna Webb—Fine crimson, deeply fringed.

Buttercup—Rich golden yellow, with streaks of clear carmine.

Flora Hill—One of the finest whites, large and free flowering.

Ontario—Large bold flower, strong stem, pure white.

Portia—Finest rich scarlet.

Bridesmaid—Bright clear pink flowers of great durability and mammoth size borne on very strong, stiff stems.

Triumph—Pure pink without a trace of purple; very large, with long, stiff stems.

Daybreak—A very delicate shade of pink.

J. J. Harrison—White, lightly marked with delicate pink, flowers large and perfect.

Lizzie McGowan—An elegant white variety, large, full and very attractive.

Wm. Scott—Bright, yet delicate rosy pink; full and of good shape.

Any of the above 10c each, 12 for \$1.00



Farfugium Grande

FUCHSIAS

Mrs. E. G. Hill—Short tube and sepals, bright rich reddish crimson color; corolla extra large, full and double; flower of the largest size. Each 15c, 3 for 35c, doz \$1.25.

Phenomenal—Rich crimson purple; corolla full and double. Each 15c, 3 for 35c, doz \$1.25.

Wave of Life—Golden foliage, crimson tube and sepals; fine purple corolla.

Black Prince—Bright waxy carmine, pink corolla.

Mad. Bruant—One of the most double; sepals bright red; corolla rosy heliotrope, marked and veined with rose.

Rosain's Patrie—Another very fine double white, very free bloomer and quite early. Each 15c, 3 for 35c, doz \$1.25.

Rose of Castile, Improved—White, with violet centre. Each 15c, 3 for 35c, doz \$1.25.

Speciosa—Flesh color sepals, red corolla. Finest of all for winter flowering. Each 15c, 3 for 35c, doz \$1.25.

Storm King—Sepals are of the same glowing scarlet-crimson as buds, while the large double corolla is of delicate waxy whiteness, elegantly pencilled with deep bright crimson. Strong plants 15c each, 3 for 35c, doz \$1.25.

Any of the above 15 cents each, 2 for 25 cents.



Fuchsia Phenomenal

SURPLUS COLLECTION

These Surplus Collections of Plants and Bulbs we are ready to fill by May 25th, and we will send plants amounting to not less than \$2.00 at catalogue prices and pay postage; if ordered express we can send many more plants and of larger size; but they are always of our selection.

Price—Surplus Plant and Bulb Collection \$1. Ready May 25th.

CACTI

Cereus Ackermani—Bright red, most common sort.

Cereus Flagelliformis (Rat Tail Cactus)—Drooping growth, magenta flowers.

Cereus Grandiflorus (Night Blooming Cereus)—Large white.

Cereus Nycticalus—Another night bloomer, large white flowers

Cereus Speciosissimus—Rich crimson, large.

Cereus Triangularis—Largest of all the night bloomers, white.

Epiphyllum Album Violaceum—White, deeply edged purple.

Epiphyllum Truncatum—Bright purple. All the Epiphyllums or Lobster Claw Cactus are splendid winter plants.

Epiphyllum Salmonianum—Reddish.

Epiphyllum Salmonianum Flavum—Orange.

Epiphyllum Superba—Large purple, white centre.

Epiphyllum Tricolor—Purple, orange and red.

Opuntia Missouriensis—Bright yellow, very spiny.

Opuntia Tuna—Deep yellow, very large grower.

Phyllocactus, Latifrons (Queen Cactus)—Fine white, night bloomer.

Phyllocactus, Phyllanthoides—Rosy pink.

Any of the above 25c, 5 for \$1.15.

Pamphlet entitled "Hints on Cacti," Price 20 Cents.

COLEUS

Our list includes the best varieties that are grown, plants strong and well grown, sure to give best satisfaction. We will give special prices for large quantities for bedding.

Price—Each 10c, 6 for 50c, per doz 90c, per 100 \$5.00.

FARFUGIUM GRANDE

(Leopard Plant)

A beautiful ornamental foliage plant for pot culture. The leaves are 8 to 10 inches in diameter, of a thick leathery texture, dark green in color, with bright yellow spots.

25c each, \$2.50 per doz.



Cactus—Queen of the Night

GERANIUMS

DOUBLE AND SEMI-DOUBLE GERANIUMS

- Bastien Le Page**—Brilliant salmon tinted orange,
Madame Ayme Cheviere—Flower of the largest double white very free in growth and bloom.
Beaute Poitevine—Very large, semi-double, brilliant salmon.
J. J. Harrison—Most brilliant scarlet flowers of immense size.
Ville of Poitiers—Rosy scarlet, very large truss.
Alphonse Ricard—Brilliant orange red, large flower and truss.
Gloire de France—Salmon white with red centre.
General Grant, Bruant—Color light vermilion red, flowers perfect in shape and color; trusses exceptionally large.
La Favorite—The trusses are very large, flowers beautifully formed, of the purest white.
S. A. Nutt—The best rich dark crimson variety. A fine bedder.
 Any of the above 10c each, 6 for 65c, per doz. \$1.10.

SINGLE GERANIUMS

- Mrs. M. J. Gaar**—The finest of the single white bedders. Semi-dwarf.
Mrs. E. G. Hill—Distinct shade of salmon, with light shading at the centre.
Camille Bernardin—Large flowers of rosy peach, veined with brightest rose, the centre marbled, spotted and striped with white.
J. Sallier—Shading from red to pink.
L'Aube—Immense pure white.
Marguerite de Layre—Finest, pure white.
Souv. de Mirande—Salmon pink and white.
New Life—Bright scarlet striped white.
Dazzler—Bright scarlet, white eye.
 Any of the above 10c each, 3 for 35c, per doz. \$1.00.

SILVER-LEAVED GERANIUMS

- Mrs. Parker**—A remarkably strong and free-growing variety of the silver leaved section, with beautiful double flowers of deep rosy pink. The foliage is deep green with broad margins of pure snow white. It is the most free flowering of any of the silver-leaved class. 15c each, 3 for 35c, doz \$1.25.
Assorted Varieties Silver-Leaved Geraniums—15c each, 3 for 35c. \$1.25 per doz.



Geranium, Mad Bruant
IVY GERANIUMS

The double Ivy Geraniums are remarkably popular at present and deservedly, for the new Hybrids in richness of color surpass all Geraniums.

- Eden Marchi**—Very large, flesh pink.
Beauty of Castlehill—Beautiful soft red, extra large.
Berthelot—Magenta.
Jeanne d'Arc—Fine habit; the best double white.
La Rosiere—Soft satin rose tint, lighter margin.
Souv. de Chas. Turner—Flowers of a deep pink shade, feathered maroon in upper petals.
 Any of the Above 15c each, 2 for 25c, 6 for 65c.

Hydrangeas (Fine Plants)

The Hydrangeas are well-known favorites, grown as pot plants, their immense heads of bloom make them very conspicuous. A little shade and plenty of water meet all their needs.

- Hydrangea Paniculata**—See Hardy Shrubs, page 78.
Otakea—A Japanese variety lately introduced; beautiful large glossy foliage, large heads of pink flowers. 20c each, 3 for 50c.
Otakea Monstrosa—Intense rose, shaded white; borne in large clusters; quite small plants bearing blooms of the most enormous size, and which are very lasting in quality. 20c each, 3 for 50c.
Thos. Hogg—Large pure white flowers, which, on well-grown plants, measure more than twelve inches in diameter. 20c each, 3 for 50c.

Double Hollyhocks

Hollyhocks are among the finest permanent garden plants, as being entirely hardy in most places and free growing, they make a great display with little or no care. We offer them in the following shades, which are the leading colors grown:—Double White, Yellow, Pink, Crimson and Scarlet. Price for two-year-old plants 20c each, per doz \$2.00. We can also supply good plants at 15c each, \$1.50 per doz.

Heliotropes

Their rich tints of lavender blue and purple, and exquisite vanilla perfume are familiar to all. 10c each, 3 for 25c, doz \$1.00.

Manettia Vine

A charming and profuse flowering climber, producing tubular flowers from 1 to 2 inches in length, the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow. 15c each, 2 for 25c.

Swainsonia Galegifolia Alba—A most desirable, ever blooming plant, with pure white flowers, produced in sprays of from 12 to 20 flowers each the individual blooms resembling a sweet Pea. As a decorative plant for the window or conservatory we know of nothing that will give as much satisfaction as the Swainsonia. 15c each, 2 for 25c.

PALMS SPECIALLY GROWN FOR HOUSE CULTURE

LATANIA BORBONICA (Fan Palm)—This fine Palm is too well known to need any extended description, its strong constitution and other grand characteristics render it one of the most popular Palms grown.

Price, fine plants—4 inch pots, 4 to 5 leaves.....		\$	50 each.
5 "	4 to 5 "	18 inches high	90 "
6 "	5 to 6 "	18 to 20 inches high	1 50 "
7 "	6 leaves, 24 inches high		2 00 "
Specimen plants, 7 character leaves, 36 inches high			4 50 "

KENTIA BELMOREANA—The Kentias are among the best of the Palm species for general cultivation, being almost impregnable against diseases. The variety shown in the engraving is one of the best in its class, graceful habit, bright green, foliage, gracefully disposed; as a decorative plant for the window, table or conservatory it scarcely has an equal. (See cut). Price, from

Pots.	Leaves.	High.	Each.	5 in.	5 to 6	22 to 24 in.	\$ 1 75
3 in.	4 to 5	10 to 12 in.	50	6 in.	6	24 to 26 in.	2 50
4 in.	5 to 6	15 to 18 in.	1 00	7 in.	6	30 in.	3 50

ARECA LUTESCENS—One of the most valuable and beautiful Palms in cultivation; bright, glossy green foliage and rich golden yellow stems. 50c to \$3.00 each.

COCOS WEDDELIANA—The most elegant and graceful of all the smaller Palms, as they are of slow growth and maintain their beauty for a long time. 4 to 6 inches 35c each, 8 inch high 50c each.

ANNUALS.

We can also supply the following Annuals, grown from our own Select Seed. Good strong plants.

**ASTERS,
BALSAMS,
PHLOX,
ZINNIAS,
MARIGOLDS,
STOCKS,
VERBENAS,
SNAPDRAGONS,
PETUNIAS.**

Per doz. 20c, postpaid.
Larger quantities, price on application.



Swainsonia Galegifolia Alba



Kentia Belmoreana

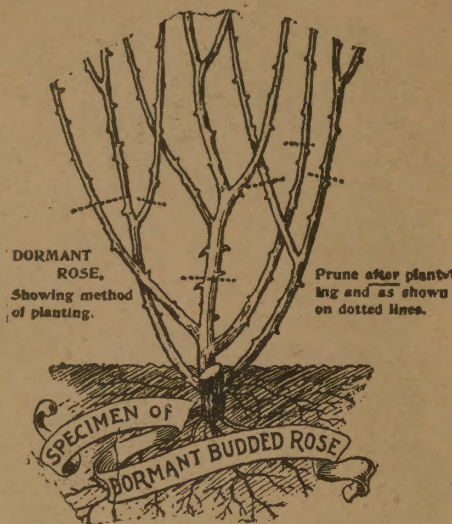


Cocos Weddelliana

Dormant Hardy Roses

All Budded Low on Brier Stocks

The illustration shows the character of the plants we supply; also the method of planting and pruning them after being planted. If planted as shown in the illustration, these Roses, although budded, will emit roots where the true Rose joins the Brier stock, and will eventually become established on their own roots. The great value of these budded Roses lies in the fact that they produce better flowers and make stronger plants in a shorter period than those grown from cuttings; and the advantage is that having no soil on the roots and being dormant, they are of little weight and can be sent cheaply by post or express.



HYBRID PERPETUAL ROSES

- Alfred Colomb**—A splendid rose; large, globular, full and very sweet; bright, clear cherry red, shaded with crimson.
- American Beauty**—The flowers are very double, of a deep crimson color, and very fragrant.
- Anna de Diesbach**—Clear bright carmine; very large and finely shaped, full and fragrant.
- Baron de Bonstettin**—Dark red, almost black; very large, double fragrant flowers; a strong grower.
- Baroness Rothschild**—A magnificent rose, color rich satiny pink.
- Boule de Neige (Ball of Snow)**—A pure white rose of good substance, of fine form and medium size.
- Capt. Christy**—A lovely rose, blooming almost the entire season; very large double buds of a deep flesh color.
- Captain Hayward**—Bright crimson carmine, an entirely distinct shade of color, of perfect form and very sweet.
- Coquette des Blanches**—Pure white, large and globular.
- Crown Prince**—Bright purple, centre lurid crimson, a most effective out-door rose.
- Duchess of Albany**—Rich deep pink.
- Earl of Dufferin**—Velvety crimson shaded with maroon, large, full, finely formed.
- Elise Boelle**—White, slightly tinted rose, changing to white.
- Ella Gordon**—Bright cherry color.
- Fisher Holmes**—Rich velvety crimson, large double; and of fine form; a splendid rose.
- General Jacqueminot**—Brilliant scarlet crimson.
- Gloire de Margottin**—Dazzling scarlet.
- Helen Keller**—Bright cherry rose, shell-shaped petals.
- Jean Liabaud**—Velvety crimson shaded with black, large, full and of fine form.
- John Hopper**—Bright rose, carmine centre; flowers large, cupped, and well formed.
- Jules Margottin**—Bright carmine, cupped; very fragrant.
- La France**—Splendid satin rose; very large full fine form; a constant bloomer.
- Louis Van Houtte**—Dark velvety crimson of good form.
- Marshall P. Wilder**—Cherry carmine, large, full, semi-globular flower of fine form.
- Maurice Bernardin**—Large vermilion red, full and of fine form.
- Mabel Morrison**—Pure white; in autumn faintly flushed with pink; a lovely and distinct rose.
- Mme. Gabriel Luizet**—Fine satiny rose; very large and full.
- Magna Charta**—Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.
- Margaret Dickson**—The flowers are of the purest white, of extra large size and of immense substance. It is a strong, vigorous grower with fine large foliage.
- Merveille de Lyon**—Pure white, shaded with satiny rose.
- Mrs. John Lang**—Delicate pink, with satin tinge.
- Mrs. R. G. Sharman Crawford**
- Pierre Notting**—Blackish red, shaded violet, of a large globular form.

Extra heavy Two-year-old Bushes 30c each. \$3 per doz.

TWELVE SELECT HARDY GARDEN ROSES

- | | |
|-----------------------|-------------------------|
| Anna de Diesbach | Margaret Dixon |
| Baron de Bonstettin | Marshall P. Wilder |
| Coquette des Blanches | Magna Charta |
| General Jacqueminot | Paul Neyron |
| John Hopper | Prince Camille de Rohan |
| Madame Gabriel Luizet | Ulrich Brunner |

For description as to color, etc., see Hybrid Perpetual list of Roses.

Strong Flowering Two-year-old Bushes 30c each. \$3 per doz.

NOTE—Owing to the exclusion of Nursery Stock grown in the United States last year we were unable to supply our usual select grade of Rose Bushes. All our customers may be assured, however, of securing the very finest stock this season, as we have made arrangements to secure the very best product of Europe.

12 SELECT EVER-BLOOMING SUMMER ROSES

That will produce a mass of Roses to cut from the entire season.

- Oamoens**—Bright glossy rose shaded yellow, very effective.
- Clothilda Soupert**—The flowers of this beautiful variety are of a unique color, being of a pearly white, shaded at the centre with silvery rose, and are produced in the greatest profusion.
- Etoile du Lyon**—Fine striking sulphur yellow; the most valuable yellow for summer bedding.
- Gloire des Polyantha**—Bright rose with white centre, very free bloomer.
- Hermosa**—Undoubtedly the best pink bedding rose in cultivation.
- Mme. Caroline Testout**—A magnificent Rose, equally valuable for summer or winter blooming; flowers full, very large, globular form; color clear satin rose; very fragrant. This variety resembles La France, but its color is more deep, vivid and brilliant.
- Maman Cochet**—It is an extra strong, clean, vigorous grower, producing its charming buds and flowers in the greatest profusion. Its color is of a deep rose pink, the inner side of petals silvery rose. They are borne on long, stout stems, very double and simply exquisite when in bud or half bloom.
- Marquise de Salisbury**—Brilliant velvety red, very desirable.
- Paul Neyron**—Very large dark rose; by far the largest rose in cultivation.
- Papa Gontier**—One of the finest Roses either for out-of-doors or for winter forcing; dark carmine crimson.
- Prince Camille de Rohan**—Deep velvety crimson maroon, shaded with red.
- Queen of Queens**—Pink with blush edges; large and full blooms; a true, perpetual flowering rose.
- Safrano**—Saffron yellow.
- Souvenir de la Malmaison**—Rich flesh color, beautifully shaped double flowers.
- Ulrich Brunner**—Bright cerise red; flowers large and full.
- Victor Verdier**—Rosy carmine, a large, showy, free-flowering rose.
- Viscountess Folkstone**—Creamy pink, salmon centre, large and fragrant.
- White Baroness**—Pure white; a splendid bloomer.
- Xavier Olibo**—Dark velvety purple, shaded amaranth.
- Strong Flowering Two-year-old Bushes 40c each. \$4 per doz.

GENERAL COLLECTION OF TEA ROSES

The tea-scented ever-blooming Roses are admired for their delicious fragrance, free-blooming qualities and the exquisite shapes and coloring of their flowers. They make excellent bedders, and yield a succession of bloom through the entire season.

- Anna Oliver**—A superb rose of very large, full form, very double, and of good substance. Color lovely creamy-blush, shaded with deep carmine, tinged and edged with silvery-rose; very fragrant. Splendid in September and October.
- Augusta Victoria**—A deliciously fragrant white rose, vigorous grower and constant bloomer.
- Bridesmaid**—Deep, brilliant pink and constant in color under all conditions.
- Catherine Mermet**—Bright pink.
- Etoile du Lyon**—Fine sulphur yellow of deeper color in the centre.
- Marie Van Houtte**—Pale yellow, excellent bedding variety.
- Mad. de Watville**—Creamy white, each petal bordered with light rose.
- Meteor**—A rich dark velvety crimson.
- Papa Gontier**—Exceedingly free-flowering; one of the finest roses either for out of doors or for winter forcing. The blooms are large and long, and of a dark carmine crimson.
- Perle des Jardins**—Beautiful rich yellow.
- Souvenir de Wootton**—A beautiful shade of crimson, deliciously fragrant and a constant bloomer.
- Souv. du Pres. Carnot**—Rosy flesh colored, very soft in the centre; shaded with a lighter flesh color at the end of the petals, buds long and very full.
- The Bride**—Pure white.

Strong Flowering Two-year-old Bushes, 40c each.
\$4 per doz.



Rose
"Margaret
Dickson"

The 3 RAMBLERS



The Crimson Rambler

THE MEMORIAL ROSE (Rosa Wichuriana)

A beautiful single Rose from Japan. Blooms in clusters. Flowers fragrant, single, pure white, from 6 to 8 inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit; prostrate trailing habit. Valuable for covering low walls, banks or rockeries, and for covering graves in cemeteries. It is perfectly hardy. Extra strong plants 40c each; \$4.00 per doz.

ROSE RUGOSA

The lovely Romanas or Rugosa Roses form sturdy bushes 3 to 5 feet in height, covered with glossy foliage, and clusters of beautiful single flowers, which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with red seed pods. **Rosa Rugosa**—Fine glossy crimson. **Rugosa Alba**—Pure white. Extra strong plants 40c each; \$4.00 per doz.

MARECHAL NEIL (Noisette)

A rose so famous as to hardly need a description here. The most beautiful large, golden yellow grown; very full and double and exceedingly fragrant. It is a natural climber, and should not be pruned too short. We keep several sizes; the largest size give the most satisfactory results. Two year old plants each 60c; 3-year plants, 8 to 12 feet long, each \$1.75.

These climbing Roses are of vigorous growth making shoots from 8 to 10 feet in height during a season, and are consequently most desirable climbing varieties; when pegged down or grown bushes, marvellous heads of bloom are the result. They are exceedingly hardy. The flowers are produced in large trusses of pyramidal form.

Crimson Rambler—We offer good, strong bushes at 25c each; \$2.50 doz.

Extra strong two year old bushes at 40c each; \$4.00 doz.

Yellow Rambler (Aglala)—Extra strong two year old bushes 40c each; \$4.00 doz.

White Rambler (Thalia)—Extra strong two year old bushes 40c each; \$4.00 doz.

SPECIAL OFFER—One each of the 3 Ramblers extra strong bushes for \$1.00.

Hardy Climbing or Pillar Roses.

The following list comprises the best of the hardy Roses which are of climbing habit, and suitable for training on pillars, verandas, etc.

Aimee Vibert—A good rose. Pure white, very full.

Climbing Jules Margottin—Bright cherry red, well like

Chas. Lawson—Vivid rose, large and full.

Dundee Rambler—Pure white, semi-double.

Felicite Perpetue—Creamy white, beautiful.

Flora—Rosy flesh color.

Gem of the Prairies—Rich rose color, very fragrant.

Myrianthes Renoncule—Blush, edged with rose, an evergreen variety.

Reine Marie Henriette—Rich cherry crimson.

Sweet Briar—True old English, rosy pink.

Vivid—Vivid crimson, very showy, a fine climbing rose.

White Microphylla—Very free bloomer.

W. A. Richardson—Orange yellow, entirely new shade, very desirable.

Yellow Persian—Bright golden yellow, hardy yellow climbing rose.

Strong two year old flowering bushes plants, 35c each; \$3.60 per doz.

DAMASK ROSES

These four old roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce make them indispensable.

Cabbage, or Provence—Rosy pink flowers.

Madame Hardy—Beautiful large double white flowers.

Madame Plantier—Pure white, and a free bloomer; unrivalled for hedges or cemetery use.

White Provence—Pure white, delightfully fragrant.

Strong two year old flowering bushes, 35c each; the set of 4 for \$1.25.

MOSS ROSES

A class of Roses which is a general favorite. The beauty of the flowers consists in the delicate mossy covering which surrounds the bud, and which gives to the opening flower a unique appearance. The varieties listed comprise the best of this section, and are all perfectly hardy.

Blanche Moreau—Lovely pure white, large and full.

Countesse de Murinais—Large white, beautifully mossed.

Crested Moss—Deep pink, crested.

Glory of Mosses—Color rich glossy pink, tinged crimson.

Salet—Bright pink, blush edge, large and full, mossy.

Nuits de Young—Velvety purple, very double.

Strong two year old flowering bushes, 40c each; set of six \$2.00.

LORD PENZANCE'S HYBRID SWEET BRIARS

These are crosses between the Common Sweet Briar and various old-fashioned Garden Roses; the flowers are single or semi-double. The plants perfectly hardy, and the foliage is as sweetly scented as the common Sweet Briar.

Amy Robsart—Lovely deep rose, an abundant bloomer, robust and free.

Anne of Gierstein—Dark crimson, graceful branching habit.

Lady Penzance—Beautiful soft tint of copper, with a peculiar metallic lustre; the base of each petal is a bright yellow, very free flowering, with a delicious perfume from foliage and flower.

We offer strong two year old budded plants of the above at 40c each, the set of 5 for \$1.75.

ROSES FOR CEMETERY PLANTING

Camoens—Bright glossy rose, shaded yellow.

Marquise des Salisburys—Brilliant velvety red.

Clothilde Soupert—The flowers of this beautiful variety are of a unique color, being of a pearly white, shaded at the centre with silvery rose, and are produced in the greatest profusion. It makes a fine plant, either for pot culture or outdoor planting.

Magna Charta—Bright pink, suffused with carmine; a beautiful rose and a strong, vigorous grower.

Coquette des Blanchés—Pure white, large globular flowers.

Strong two year old flowering bushes, each 40c; per doz., \$4.00.

Lord Penzance—Soft shade of fawn or ecru passing to a lovely lemon yellow in the centre, sometimes toned with a most delicate pink, very sweet-scented.

Lucy Ashton—Pretty white blooms with pink edges, not so large as some others, wonderfully free flowering; free grower, foliage very sweet.

THE MEMORIAL ROSE (Rosa Wichuriana)—Flowers fragrant, single, pure white, from 6 to 8 inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit.

Etoile du Lyon—Fine striking sulphur yellow.

Gen. Jacqueminot—Brilliant scarlet crimson.

Hermosa—Undoubtedly the best pink.

Mosella—Produces beautiful clusters very double ball-shaped flowers which open like a camellia, the color is a white tint on a beautiful light yellow ground.

Mad Plantier—Fine bushy plant, which produces its white flowers in great abundance.



Lord Penzance's Sweet Briars

HARDY PERENNIALS

The tide of popular favor has turned decidedly towards these most useful of all plants. PERFECTLY HARDY, once planted will last for years, increasing in size and beauty. They are no doubt the plants of the future. The following sorts have been selected with the greatest care; we think no better can be found.

Achillea, The Pearl—The flowers which are borne in the greatest profusion the entire summer on strong, erect stems, are of the purest white, somewhat resembling a Pompon Chrysanthemum. Each 20c, per doz \$2.00.

Achillea, Serrata, fl. pl.—Flowers double and of very pure white, leaves deeply cut, blooms later than "Pearl," therefore very useful for cutting. Each 20c, per doz \$2.00.

Anemone Japonica—One of the most beautiful of the hardy herbaceous plants. They commence to open their very rich colored single blooms in August, and continue to increase in beauty until cut by frost. Each 20c, per doz \$2.00.

Anemone Whirlwind—A new semi-double form of A. J. Alba. In general style and habit it is identical with the white Anemone. It is of the same strong habit of growth, and is even more free-flowering than the original type.

The flowers, which are 2½ to 3 inches across, have several rows of pure white sepals, and have the advantage of lasting much longer than the single varieties. See Illustration. Each 20c, per doz \$2.

Anthericum Liliastrum (St. Bruno's Lily)—A beautiful plant with narrow, grass-like foliage, and long spikes of white, fragrant, lily-like flowers. Each 20c, per doz \$2.00.

Aquilegia Chrysantha (Yellow Flowered Columbine)—Grows two and a-half feet high, forming a bush two or three feet across, which is covered for two months with golden yellow flowers with long spurs; one of the most distinct of the family. Each 20c, per doz \$2.00.



Anemone Whirlwind



Correopsis
Lanceolata

Arabis albida compacta—An edging or bedding plant, foliage prettily variegated. Each 20c, per doz \$2.00.

Bleeding Heart (Dielytra Spectabilis)—These pretty spring bloomers, with their graceful drooping sprays of heart-shaped pink and white flowers are very ornamental, and bloom freely in early spring. The plants, being hardy, increase in size from year to year. Each 15c, 3 for 40c, doz \$1.50.

Clematis Davidiana—A shrubby, upright plant, from two to four feet high, with fresh, bright foliage; leaves grow in whorls around the stem. Flowers are long, tubular, bell-shaped, very distinct, deep lavender color, and of delicious fragrance. Each 25c, per doz \$2.50.

Correopsis Lanceolata—(See Illustration)—This golden Correopsis begins to flower early in June and continues to flower until cut down by severe freezing weather; it is continually one mass of golden yellow. The flowers, which are of graceful form, are invaluable for cutting or decorative purposes; it is easily grown, perfectly hardy and succeeds in any position; once planted takes care of itself. We offer large, strong clumps which will flower first season, at 20c each, doz \$2.00, per 100 \$14.00.

Correopsis "Harvest Moon"—New flowers, larger than C. Lanceolata, perfectly round, pure bright yellow. Each 25c, doz \$2.50.

Dianthus Plumarius Stanislaus—Of dwarf, compact habit, blooming perpetually the entire summer; violet rose with deep crimson centre. Each 20c, per doz \$2.00.



Digitalis

Gaillardia Grandiflora—See Illustration—The flowers are large, very numerous, produced on long stems and excellent for cutting, and of the most gorgeous coloring. The centre is dark-red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermillion, and often a combination of all these colors in one flower. Each 20c, 6 for \$1.00, 12 for \$2.00.

Helianthus Multiflorus, fl. pl. (Double Hardy Sunflower)—See Illustration—An extremely useful, hardy plant; it bears profusely large double flowers of a bright yellow color, which remain in perfection a long time. Each 20c, doz \$2.00.

Hibiscus (Perennial Mallow)—The flowers, which are produced freely from July to September, are 6 to 8 inches in diameter, and vary in color from pure white to deep rose. The plants grow from 5 to 8 feet high and form dense bushes, which are a complete mass of bloom. Each 25c, per doz \$2.50.

Dictamnus Fraxinella—A very showy border perennial, forming a bush about 2½ feet high, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant, volatile oil, which explodes when a match is applied to it. Each 25c, per doz \$2.50.

Delphinium Formosum (Perennial Larkspur)—This is certainly one of the handsomest and most satisfactory of all the hardy herbaceous plants and should be planted extensively, even in the smallest gardens; its long spikes of bright blue flowers are produced from June until frost. Each 20c, doz \$2.00.

Dianthus (in variety)—Each 20c, per doz \$2.00.

Digitalis (Foxglove)—Stately growth, fine for shrubberies and other half-shady places; 3 feet. Each 20c, per doz \$2.00.

Doronicum excelsum—A strong growing perennial, with large heads of bright yellow flowers 3 to 4 inches in diameter. Each 25c, per doz \$2.50.

Eulalia Japonica Zebrina (Zebra Striped Grass)—A remarkable variegated plant having bars of yellow running crosswise, not longitudinally as in the ordinary form of variegation; easily grown. Each 25c, per doz \$2.50.

Funkia Alba (Day Lily)—Pure white lily-shaped, fragrant flowers, borne in large clusters. Each 25c, doz \$2.50.

Heuchera Sanguinea—A most desirable perennial, of dwarf, compact branching growth and robust constitution, growing about 2 feet high. The flowers are produced in loose, graceful spikes and come in the greatest profusion. In color it varies from light coral-red to crimson. Each 20c, per doz \$2.00.

Hemerocallis Flava (Lemon Lily)—Lemon colored flowers, excellent for planting among shrubbery. Each 15c, doz \$1.50.



Gaillardia
Grandiflora



Helianthus Multiflorus, fl. pl.

NOTE—Our Perennials are not small cheap plants, but strong clumps and roots, sure to bloom the first season, and therefore cheaper in the end.

**Hypericum Moserianum**

Hypericum Moserianum—A new evergreen shrub 2½ feet high which is covered with large flowers from May until fall. They are about 2½ in. in diameter, resembling in shape those of *Rosa Polyantha* but are of the richest pure golden yellow imaginable while the petals are of great substance. It is really an EVER-BLOOMER. Plants 2 feet high and bushy. (See cut.) Each 20c, doz \$2.00.

Iceland Poppies—These Poppies range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and have a delicious lilac-like fragrance. The profusion of blooms which they produce is really astonishing, and they are produced in never-ceasing succession from the beginning of June to October. Mixed colors, each 20c, doz \$2.00.

Lychnis Chalcedonica—Produces head of vermilion scarlet flowers, exceeding in brilliancy many double Geraniums. Each 20c, doz \$2.00

Lychnis Plenissima Semperflorens—This new flower is exceedingly pretty, of a beautiful tender rose color, and is produced on long, bushy spikes. It is very pretty for bouquets or for corsage, and we recommend all our friends to try a plant. Price 20c each, doz \$2.00.

IRIS (Fleur-de-Lis)

Japan Iris (*Iris Kämpferi*)—In beauty, size of flower and richness of coloring, these Irises are grand. The flowers averaging from 6 to 8 inches across, of indescribable and charming hues and colors, the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue, each flower usually representing several shades. A golden yellow blotch, surrounded by a halo of blue or violet, at the base of petals, intensifies the wealth of coloring. The Japan Iris is perfectly hardy, and flowers in great profusion in June and July, and attains great perfection if plentifully supplied with water while growing and flowering. Named varieties. Price 20c each, 3 for 50c, per doz \$2.00.

Mixed Varieties—Beautiful sorts, strong roots. 15c each, 3 for 40c, doz \$1.50.

IRIS GERMANICA—German Irises are certainly unparalleled for beauty; nothing in creation can vie with them, unless the orchids from the tropics. Every shade of color may be found among them, and they will thrive in almost any soil without any care whatever. Strong roots 10c each, \$1.00 doz.

HERBACEOUS CHINESE PÆONIES

Magnificent, hardy plants, almost rivalling the rose in brilliancy of color and perfection of bloom. Some of the varieties are very fragrant. They are perfectly hardy, require little or no care, and produce larger and finer blooms when well established.



Double White—Each 25c, 5 for \$1.00, per doz \$2.00.

Double Rose—Each 25c, 5 for \$1.00, per doz \$2.00.

Finest Double Mixed—Each 25c, 6 for \$1.00, doz \$1.75.

TREE PÆONIES

Instead of dying down to the ground every winter, like the herbaceous variety, it grows into a hard wooded shrub. The flowers are the same in form as the common variety, but of a light pink or blush color. Strong plants 75c.

PHLOX

Their large and very brilliant trusses of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant in freshly prepared soil each alternate year.

They delight in sunny situations and a rich soil. Each 15c, doz \$1.50.

Pyrethrums, Double—Hardy Chrysanthemums, in beautiful double varieties. Each 25c, doz \$2.00.

Pyrethrums, Single—Hardy Chrysanthemums, in beautiful single varieties. Each 25c, doz \$2.50.

Pyrethrums, Uliginosum—Pure white Aster-like flowers, about 3 inches in diameter; blooms in summer and autumn. Each 20c, doz \$2.00.

Rudbeckia "GoldenGlow"

—A glorious new plant, and one that should find a place in every garden. Without question the best hardy plant introduced in many years. It is of fine habit and vigorous growth, attaining a height of from 4 to 6 feet, and begins to flower early in the season, and continues until late in the fall. The flowers are produced in enormous quantities on long stems, and resemble a fine double golden-yellow Cactus Dahlia; and as a cut flower for vases, etc., it has no equal. 20c each, \$2.00 per doz.

Sweet William—Mixed colors. Each 15c, doz \$1.50.

**New Double Rudbeckia "Golden Glow"**

Tritoma Uvaria—Often called the "Torch Lily" or "Red Hot Poker," on account of its dense spikes of flame-colored flowers. It blooms in August, and is very striking when planted singly on the lawn. Does well planted near water or in any rich soil. Each 20c, 3 for 50c, doz \$2.00.

Violet, California—The finest single violet. The flowers, which are very large, are borne on long, stout stems, which makes it especially valuable for cut-flower purposes; they are intensely fragrant and of a clear violet purple color that does not fade. Plants 15c each, \$1.50 per doz.

Violet, Double Russian—A perfectly hardy double blue violet, deliciously fragrant, deep in color, and very free-flowering. Each 20c, doz \$1.50.

Violet, The Farquhar—An exquisite new everblooming violet, with very double long stemmed flowers of an intense deep color. Each 20c, 4 for 60c, \$1.50 per doz.

We can also supply the following very Select Perennials:

Campanula (Canterbury Bells)—Each 20c, doz \$2.00.

Delphinium—In 12 varieties. Each 40c, doz \$4.00.

Eulalia Japonica—Each 25c, doz \$2.50.

— **variegata**—Each 25c, doz \$2.50.

— **gracillima**—Each 25c, doz \$2.50.

Gypsophila Paniculata—Each 25c, doz \$2.50.

Helianthus lactiflorus—Each 20c, doz \$2.00.

Myosotis Palustris—Each 20c, doz \$2.00.

Papaver bracteatum—Each 25c, doz \$2.50.

Phlox amœna—Each 20c, doz \$2.00.

Polyanthus—Each 20c, doz \$2.00.

**Double Herbaceous Pæonies****SPECIAL OFFER**

We will supply from the above list, our selection choicest kinds, one doz. plants for \$2.00.

Or we will supply from the above list, our selection ordinary kinds, one doz. plants \$1.50.

CLEMATIS

PANICULATA—A Japanese plant recently introduced to this country and possessing unusually attractive merits. A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. These flowers appear in late September, at a season when very few other vines are in bloom, being an added merit of great consequence. The extreme rapidity of its growth, the showy foliage, beautiful and fragrant flowers borne so very freely, and its late blooming nature, united with an entire hardiness, serve to make this one of the very choicest of recent introductions. Good strong plants, each 25c; 5 for \$1.00; 3-year-old plants each 50c.

Flammula "Fragrant Virgin's Bower"—This is an old and well-known species; flowers pure white, deliciously fragrant. The plants attain the height of 20 feet, and when trained on trellis work, and in full bloom, look like a mass of snow. The odor is perceptible at a distance of 200 yards. Hardy; each 30c, per doz \$3.00.

Clematis Cocchineae—A very handsome, hardy climber, bearing thick bell-shaped flowers of a bright coral red color; blooms with wonderful profusion from June until frost. 25c each, 4 for 90c.

Clematis Crispa—A very beautiful species, bearing an abundance of pretty bell-shaped, fragrant, lavender flowers with white centre. Blooms from June until frost. 25c each, 4 for 90c.

Clematis Virginiana—A rapid, strong-growing variety, producing a profusion of white flowers during July and August. Each 30c, 4 for \$1.00.

LARGE FLOWERING VARIETIES

Anderson Henryi—Creamy white, large and handsome.

Duchess of Edinburgh—The best of the double pure whites, deliciously scented.

Gipsy Queen—Very finest purple variety; strong, free bloomer.

Boskoop Seedling—Large lavender.

Jackmanni—Most popular variety. Dark royal purple; mass of bloom.

Jackmanni Alba—Fine pure white.

John Gould Veitch—Blue; double.

Kermesina—Crimson flower, small but very floriferous.

Lawsoniana—Purple; darker veins.

Lilacina Floribunda—Deep blue.

Lady Caroline Neville—Blush white.

Madame Edouard Andree—Distinct carmine red.

Madame Von Houtte—White; fine.

Mad Baron Veillard—Light rose, shaded lilac.

Miss Bateman—White with chocolate-red anthers.

The Gem—Deep lavender blue.

Each 60c. Per dozen \$7.00.



Clematis Paniculata

Hardy Passion Flower

Constance Elliott—An excellent climbing vine. The flowers are large, remarkably handsome and attractive, highly perfumed. Color, pure ivory white with raised centre. Hardy in open ground if given a light covering of leaves or litter during winter. Each 25c, doz. \$2.50.

Bignonia (Trumpet Creeper)

For covering unsightly places, stumps, rock-work or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size.

Grandiflora—Large-flowered Trumpet Creeper, bearing blooms of orange red color. Each 50c.

Radicans—Dark red, orange throat; free blooming and very hardy. Each 30c., 4 for \$1.00, doz. \$3.00.

Cobaea Scandens

A beautiful climber of rapid growth, bearing large, purple, bell-shaped flowers. Large plants each 25c.

Honeysuckles

Monthly Fragrant—Beautiful variegated flowers; blooms all the summer. Strong plants, each 50c.

Scarlet Trumpet—A strong, rapid grower; bright scarlet flowers bloom all the summer. Strong plants, each 50c.

Yellow Trumpet—A very robust rapid grower; yellow flowers; blooms all the summer. Strong plants, each 50c.

Virginia Creepers

A very well-known rapid grower; like the Bignonia and Ivy it throws out roots at the joint by which it fastens itself to anything it touches. Small plants each 20c., large strong plants each 40c., per doz. \$4.50.

Chinese Wistaria

This is one of the most popular of our hardy vines, growing very rapidly, climbing to a height of 50 feet or more, when in bloom is truly magnificent. It flowers in early spring in long, drooping racemes, resembling in size and shape a bunch of grapes.

Chinese (Sinensis)—Flowers in clusters, pale blue, sometimes gives a second crop of flowers in fall. Strong plants, each 50c.

Sinensis Alba—Flowers in long drooping clusters, as in blue variety; pure white color, most striking. Strong plants, each 50c.

English Ivy

A splendid evergreen, well-known climber, glossy green leaves, clings firmly to stone or brick walls. Each 25c., doz. \$2.50.

Aristolochia Sipho

Dutchman's Pipe—A vigorous growing vine with heart-shaped leaves and curious pipe-shaped flowers; one of the very best climbing vines known, hardy, rapid grower, best for porches, verandahs and sides of dwellings. 1st size, each 50c., doz. \$5.00, 2nd size, each, 30c., doz. \$3.50.

Boston Ivy

Ampelopsis Veitchii (Boston Ivy)—A beautiful hardy climbing plant of Japanese origin. This is one of the finest climbers we know for covering walls, as it clings firmly to the smoothest surface, covering it evenly with the over-lapping leaves which form a perfect mass of foliage. The color is a fresh deep green in summer, changing to the brightest shade of crimson and yellow in autumn; quite hardy and becoming more popular every year. Small plants 20c., 3 for 50c., 7 for \$1.00, strong plants each 40c., 3 for \$1.00, doz. \$3.75.

Ampelopsis Royali—It is identical with Veitchii as regards its climbing properties, but it is a larger and stronger plant. The leaves, even in summer, are tinted crimson, in autumn flame-colored. Strong plants each 50c., per doz. \$5.00.

ORNAMENTAL SHRUBS

Almond, Dwarf Double-flowering—Well-known, covered in spring with pink flowers like double roses; showy.

Barberry—Handsome yellow flowers and pink fruit, good for preserving.

Barberry, Purple-leaved—A handsome variety with purple foliage very ornamental and distinct.

Burning Bush (Euonymus Europaeus)—Pods covered with scarlet seeds during autumn and winter.

Clethra Alnifolia (Sweet Pepper Bush)—White fragrant flower spikes.

Deutzia, Gracilis—Slender branches, pure white flowers.

Deutzia, Crenata—Double white flowers tinged red.

Filbert, Purple-leaved—Remarkable purple leaves, distinct and fine.

Fringe Purple, or Smoke Tree (Rhus cotinus)—Has very curious bloom, which when covered with dew resembles a cloud of smoke or mist.

Hydrangea Paniculata Grandiflora—This is the finest hardy shrub in cultivation and endures heat and cold extremely well. The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open, but gradually change to rose color and remain in good condition for weeks. Price, 1st size 75c., 2nd size 50c., 3rd size 25c.

Honeysuckles, Tree-shaped—Several varieties; desirable shrubs with handsome dense foliage, and covered in May with a profusion of delicate small flowers, followed by rich orange-colored berries.

Lilac, White, Red and Purple—Well-known handsome large shrubs. Flowers in clusters, exceedingly fragrant and beautiful.

Lilac, White Persian—Slender growing shrubs, more delicate and graceful than the above; white flowers, very handsome and fragrant.

Privet—A handsome shrub, with spikes of white flowers in June, and clusters of black berries like currants; makes a beautiful hedge.

Prunus Trilobata—A new large shrub from China, with slender branches and pink flowers in profusion.

Quince, Japan—A shrub with spreading branches like the common Quince, but which presents a splendid appearance in May, when covered with large, brilliant scarlet flowers.

Spirea, Anthony Waterer—Flowers bright crimson, finest of all crimson varieties.

Spirea Prunifolia (Bridal Wreath)—Handsome shrub, white daisy-like flowers in May; one of the best.

Spirea Eximia—Flowers a bright rose, blossoms in July.

Spirea Van Houttei—Large clusters of white flowers, hanging in graceful racemes.

Spirea Billardi—Red, blossoms a long time.

Syringas—Several kinds; well-known, hardy desirable shrubs, with handsome white flowers, some quite fragrant.

Syringa (Golden Leaved)—Pretty plant of medium size; golden-yellow foliage; retains its color the entire season; valuable for creating contrasts with green and purple-leaved shrubs.

Snowball—An old favorite spreading shrub; covered in June with handsome white flowers.

Snowball (Chinese)—From North China; has rich deep green foliage and pure white flowers; quite distinct from the common sort.

Snowberry (Symphoricarpos Racemosus)—Pink flowers in summer, large white waxy berries in autumn.

Weigelia Amabilis or Splendens—Resembles Rosea, leaves and flowers somewhat larger.

Variegated Leaved—Leaves variegated, flowers rose color.

Van Houttei—A hardy, vigorous growing sort, bearing a profusion of deep rose colored flowers in May and June.

Rosea—A hardy, handsome Chinese shrub, blossoming in June; flowers a beautiful blush, changing to a deep rose color.

Price, Extra Strong Bushes, each 75c; per dozen \$7.00.

HARDY GRAPE VINES

It is not safe to send these roots after the leaves have started, as the close packing required to protect the roots injures the foliage and often kills the plant; we would therefore ask our customers to kindly send us their orders as early as possible, and to reach us not later than the 20th May, as after that date they usually begin to leaf. Nearly all of these roots are grown in open ground, and consequently cannot be forwarded until the frost is sufficiently clear in spring to lift them; they will be forwarded as soon after as possible, and when the plants are in best condition for safety.

BLACK GRAPES

	Price each.	Per doz.
Concord —Old reliable sort, large and fine	\$ 0 25	\$ 2 50
Worden —Best black grape seedling of Concord, larger, more delicious, much earlier, very reliable	30	3 50
Cottage —Exceedingly vigorous and robust, <i>very early</i> , best for severe climates	50	3 50
Herbert —(Rog. 44)—Earlier and sweeter than Wilder	50	3 00
CAMPBELL'S EARLY —New, likely to crowd most others out and probably the best Black Grape in existence for Canada	2 25	.....
Moore's Early —Earliest good Black Grape, very large	40	4 50
Champion —Hardest and earliest of all	25	2 50
Wilder —(Rog. 4), Largest black, very fine	25	2 50

RED GRAPES

Lindley —(Rog. 9), Best red, very delicious	30	3 50
Massasoit —(Rog. 3), Earliest red, excellent	30	3 50
Salem —(Rog. 22), Dark red, good quality	30	3 50
Vergennes —Berries large, holding firmly to the stem; light amber, rich and delicious	50	4 50
Agawam —(Rog. 15), Very large, vigorous and a great bearer	30	2 50
BRILLIANT —New, a cross between Lindley and Delaware, delicate, yet exceedingly rich and aromatic in flavor	1 75	.....
Jefferson —Bunch very large, light red, sweet and juicy	40	4 50
Delaware —Red, well known sort; delicious and productive	40	4 50
Brighton —Finest quality of all out-door grapes, dark red	40	4 50
Moyer —New red, splendid early	1 00	10 00

WHITE GRAPES

Niagara —Finest large white grape, very sweet	75	7 00
Moore's Diamond —Greenish white, compact bunches, berries size of Concord	1 00	10 00
Green Mountain —Early as Jessica, larger, more vigorous	45	2 50
Lady —Early, sweet, healthy	45	2 50
NORTHERN LIGHT —New, very early. No disease has yet been known to attack it	1 75	.....
Jessica —Earliest white grape, very delicious	75	7 00
Hayes —White, early, hardy, large, sweet	1 00	10 00

All Vines Two Years Old and Well Rooted.

FOREIGN GRAPE VINES—(For culture under glass)

Black Hamburg —Black, exceedingly reliable	Fine 2-year old Vines \$1.50 each except where noted.
Muscat Hamburg —Black, muscat flavor, very delicious	
Duchess of Buccleugh —Delicious, white	
Lady Downs —Large, black, late, one of the best	
Madresfield Court —Berries very large black, a superb grape	
Bowood Muscat —White, large, sugary, each \$2.00	
Foster's White —Excellent	

BLACKBERRIES

TAYLOR'S PROLIFIC —Largest of all hardy sorts, very productive and delicious. Each 10c, per doz \$1.00.
Lawton —Large and black, excellent quality and an abundant bearer. Each 10c, per doz \$1.00.
Snyder —Extremely hardy, enormously productive, medium size. Each 10c, per doz \$1.00.
Stone's Hardy —Very hardy and good quality. Each 15c, doz \$1.25.
Ohmer (New)—Extra hardy, large, good quality and very productive. Each 15c, doz \$1.25.

MAMMOTH DEWBERRY

It is a trailing Blackberry (Thimbleberry), with the following valuable features:

- 1st—Perpetual fruiting from July 1st to August 1st, filling a space of at least four weeks immediately after Strawberries.
 - 2nd—Bearing immense crops, beginning with the second season after planting, the fruit of which is black in color, and is often 1½ inches long by 1 inch in diameter, soft, sweet and luscious throughout without any hard core or centre.
- Please bear in mind these remarks apply only to the Mammoth variety.
- Price 20c each, \$2.00 per dozen, postpaid.

GOOSEBERRIES

HOUGHTON —Small, well known sort, red when ripe. Each 15c, doz. \$1.50
Downing —Double the size of Houghton, green, delicious. Each 20c, per doz \$1.75.



Mammoth Dewberry

Smith —About the size of Downing, and bears immensely, red, seldom hurt by mildew. Each 20c, per doz \$2.00.
Industry —Fruit large and delicious, strong grower. Each 25c, doz \$2.50.
Red Jacket —Superior quality, very productive. Each 15c, doz \$1.50.
Pearl —Good quality, large size, productive and free from mildew. Each 15c, per doz \$1.50.

RASPBERRIES

We send out extra strong canes. Smaller sizes can be quoted much lower on application.

RED VARIETIES

JAPANESE RASPBERRY (Wineberry)—Something like the raspberry in growth and hardness, bears in clusters. Plants, each 15c, per doz \$1.50.

SCHAFER'S COLOSSAL—Reddish brown to purple, very large. Each 10c, per doz \$1.

Columbian—New purple color, firm. Each 15c, doz \$1.75.

Loudon—Enormously productive, has no equal, does not seem to have a fault. Each 15c, per doz \$1.50.

Miller—New, of great value, very early, firmest and best shipping berry in existence. Each 15c, per doz \$1.50.

Phoenix—New, hardy, claimed to be superior to the Miller. Each 20c, doz \$1.75.

Cuthbert—A decidedly fine variety. Each 10c, per doz \$1.00.

Turner—Red, hardest of all, very sweet, early. Each 10c, doz \$1.00.

YELLOW VARIETIES

Brinkles Orange—Decidedly the best of the yellow sorts. Each 15c, doz \$1.25.

GOLDEN QUEEN—Very large, delicious and firm. Each 10c, per doz \$1.00.

BLACK CAPS

Eureka—Very promising early variety, productive. Each 20c, per doz \$1.75.

Palmer—Large, very early. Each 20c, doz \$1.75.

Conrath—New, black, large, early. Each 15c, doz \$1.50.

Lotta—Large, early, bright color, fine flavor. Each 15c, doz \$1.75.

CURRENTS

FAY'S PROLIFIC—Berries are as large as Cherry, much more uniform, with larger stems and fruit less acid, and far more productive than Cherry Currant, 2 years. Each 25c, doz \$2.00.

Cherry—Red, large as Fay's Prolific. Each 15c, per doz \$1.50.

Victoria—Red, immense bearer, one of the most reliable. Each 15c, doz \$1.50.

Fay's Prolific Currant North Star—Red, new, large, sweet, rich and wonderfully productive. Each 15c, doz \$1.50.

White Grape—Finest White Currant, mild flavored, berries and bunches large, very productive. Each 15c, doz \$1.50.

Black Naples—Fine reliable sort. Each 15c, per doz \$1.50.

Victoria—New black currant of enormous size, fine flavor and of unequalled productiveness. Each 30c, per doz \$3.00.

Lee's Prolific—Best old Black Currant, fine grower, good bunches, berries large, very productive. Each 15c, per doz \$1.50.

Black Champion—The finest Black Currant, large as Lee's Prolific, much more delicious. Each 20c, per doz \$2.00.



STRAWBERRIES

Wilson—Per 100 \$1.00.

Crescent—Very early. Per 100 \$1.

Sharpless—Very large and delicious. Per 100 \$1.50.

Jessie—One of the largest and most delicious. Per 100 \$1.50.

VALUABLE VARIETIES

Parker Early—An amazingly productive variety.

Bubach—This berry combines great and uniform size, unsurpassed productiveness and good quality.

Lovett's Early—Seedling of Crescent, very early, equals Wilson in firmness, double the size of Crescent and will yield double the quantity.

Haverland—A very vigorous grower; fruit large.

Warfield—A large-hearted, generous berry.

Williams—Very firm and productive

Wolverton—Originated in Canada, thoroughly tested.

Any of the above, per doz 25c, 25 for 50c, 100 for \$1.50.

NEWER VARIETIES

Clyde—Fruit large and firm, of conical shape, light scarlet in color, becoming the most popular variety. Doz 75c, 100 \$2.50.

Bismarck—Bright scarlet, very firm, good flavor, heavy cropper. Doz 75c, 100 \$2.50.

Nick Ohmer—Roundish conical form, very productive, perfect shape, dark glossy, red, firm, excellent quality.

Glenmary—Large bright crimson.

Beder wood—Early and productive.

Bisel (u)—Very large, firm and delicious.

Wm. Belt—Finest of all for home use.

Any of the above, except where noted, doz 35c, 25 for 50c, 100 \$2.00.

RHUBARB ROOTS

Myatt's Linnæus—Per root 20c, 3 for 50c, per dozen \$1.75.

Victoria—Per root 20c, 3 for 50c, per doz \$1.75.

HOPS—Strong roots 25c each, 5 for \$1.00.

HOP SETS—Per 100 \$1.00, per 1,000 \$9.00.

SIMMERS' SELECT LIST OF NURSERY STOCK

WISMER'S DESSERT A new Variety of Canadian Origin



Wismer's Dessert Apple

We believe this apple to be the most valuable one ever brought to public notice, possessing as it does, every good characteristic in tree composition, such as extreme hardiness, vigor of growth, early bearing and excessive productiveness.

In the eating qualities of the fruit, we say that the world has never seen its equal for high aroma, exquisitely delicious flavor, and juicy, melting, buttery, pear-like texture, well developed specimens being almost as luscious and fibreless as a Bartlett pear.

The fruit is medium to large in size, smooth, round but obscurely five-sided; beautifully colored with yellow, and shaded with bright red in stripes and blotches; marked with russet dots; very handsome. Season, winter, keeping well till March, and later.

Sold only under originators seal. \$1.00 each

STANDARD APPLES

STANDARD APPLES are intended for orchards, and are usually planted when 5 to 7 ft. high. The varieties in this list can be recommended as THE BEST now in cultivation in Canada.

SUMMER APPLES.

Astrachan Red—Large, roundish, nearly covered with crimson and thick bloom; rich, acid; hardy tree, vigorous grower, good bearer. August.

Early Harvest—Medium to large size, yellow, tender, with a mild flavor; a good bearer. Aug.

Yellow Transparent—Rich, transparent lemon yellow color. Flesh melting, juicy, pleasant sub-acid. Ripens ten days earlier than Early Harvest. Price.....25c each.

AUTUMN APPLES.

Alexander—Very large and beautiful, deep red and crimson; one of the most showy apples in cultivation, and very productive. Oct. and Nov.

Colvert—Large, with a handsome red cheek; rapid grower and hardy. November.

Duchess of Oldenburg—Large, beautiful, roundish, red and yellow; tender and juicy; bears young and profusely. Very hardy.

Fameuse—Commonly known as "Snow." Hardy. Oct. and Nov.

Gravenstein—Large, striped, round; first quality. Hardy, productive and generally esteemed. Oct.

Haas Queen—Large, slightly conical; splashed and mottled with light red; flesh white, sub-acid. The tree is the fastest grower we have.

St. Lawrence—Large; red and yellow; crisp, vinous, tender; good. Free grower. Oct.

Twenty Ounce—Very large, showy, prolific, well known. Price.....25c each.

WINTER APPLES.

Baldwin—Large, brown red, very prolific. Jan. to April.

Golden Russet—Vigorous, medium, crisp, juicy, mild, sub-acid, hardy, very good, long keeper. Nov. to May.

King of Tomkins—A very large red apple; tree grows and bears well. Nov. to May.

Northern Spy—Vigorous and hardy, large, striped, red, tender, juicy, mild, sub-acid. Late.

Mann—Medium to large; deep yellow, juicy, mild, pleasant, sub-acid; hardy. Good grower. Jan. to April.

Pewaukee—Vigorous, hardy, bright yellow, with red; tender, juicy, sub-acid. Jan. to May.

Talman Sweet—Hardy and vigorous; medium; yellow; firm, rich, sweet. Nov. to April.

Tulpehocken—Strong grower, productive, juicy, crisp, pleasant flavor; very large, globular; yellowish green, dull red cheek. Jan. to March.

Walbridge—Vigorous, hardy, productive; medium size; yellow and red; crisp, juicy, good. Jan. to May.

Wealthy—Free in growth and very hardy; large, dark red; juicy, vinous, sub-acid, good. Dec. to March.

R. I. Greening—Large, green, fine grained, rich, sub-acid; a little tender in northern sections. Late. Price.....25c each.

CRAB APPLES

General Grant—A beautiful Crab for ornament and preserving, and for eating out of hand. Color, red; fruit is large, tender and juicy.

Hyslop—Vigorous, large, deep crimson, sub-acid. Sept.

Transcendent—Vigorous, medium, red and yellow, a beautiful variety of the Siberian class. Sept.

Whitney's Seedling—New, large, handsomely splashed with carmine, fine quality; heavy yearly bearer. Sept. and Oct. Price.....50c each.

STANDARD PEARS

Standard Pears are grown upon Pear stocks and the Dwarfs upon Quinces.

SUMMER PEARS.

Bartlett—Vigorous, large, yellow and red, juicy, buttery, with rich musky flavor; very good. Sept.

Brandywine—Free grower, medium size, yellow and russet, melting, juicy, good. Aug.

Clapp's Favorite—A cross between Bartlett and Flemish Beauty; fruit resembles the former.

Tyson—Medium, yellow and russet, melting, juicy, sweet, tree vigorous grower and good bearer. Aug.

Wildor Early—Handsome, delicious early Pear. Aug. Price.....50c each.

AUTUMN PEARS.

Duchess D'Angouleme—One of the very largest Pears grown; greenish yellow, sometimes a little russeted. Oct. and Nov.

Flemish Beauty—Large, beautiful, juicy, melting, rich, strong grower, good bearer. Sept. and Oct.

Kieffer—Large, rich, golden, slightly coarse, juicy, with pronounced quince flavor. Oct. and Nov.

Seckel—Med. brown, highest flavor. Sept. and Oct.

Sheldon—Large, russet and red, melting, rich, delicious, hardy, vigorous and productive. Oct. Price.....50c each.

EARLY AND LATE WINTER PEARS

Anjou—Very large, pyriform, greenish yellow, buttery and juicy. Nov. and Dec.

Lawrence—Medium to large, golden yellow, melting, pleasant, aromatic. Nov. and Dec. Price.....50c each.

CHERRIES

Cherries succeed well on dry soil, can be trained in any form that taste or circumstances require.

May Duke—An English variety of large size. Tree erect and hardy. Fruit rich and good. Mid. June.

Black Tartarian—Large, mild, pleasant flavor, purplish black, good bearer. End of June.

Early Richmond—Med. red, juicy, acid. June.

English Morello—Large, dark red, sub-acid, good.

Governor Wood—Medium large, clear light red, juicy and delicious. End of June.

Yellow Spanish—Large, pale yellow with red cheek, juicy, delicious and sweet. End of June. Price.....50c each.

PLUMS

Plant 18 feet apart on good substantial soil. The stock we offer is very fine, unexcelled in thriftiness.

Bradshaw—Very large, dark violet red, juicy, sweet and good, one of the best. Aug.

Coe's Golden Drop—Large, yellow, sweet. Sept.

Imperial Gage—Excellent, large, pale green. Aug.

Lombard—A rampant grower, and wonderfully productive, medium, violet red, good. Sept.

Pond's Seedling—A magnificent English, light red Plum, good grower, abundant bearer. Sept.

Shipper's Pride—Large, often measuring 2 in. each way, being nearly round; excellent for canning. Sept.

Goliath—A very large purple plum, rivalling the peach in beauty; hardy and productive. \$1 each.

Glass' Seedling—A hardy Canadian variety of large size and good flavor; deep purple. Sept. Price.....50c each.

PEACHES

Crawford's Early—A superb yellow Peach of good quality; a productive and early sort. Sept.

Crawford's Late—Resembles Early Crawford, but later. Price.....35c each.

ORNAMENTAL DEPARTMENT

Upright Deciduous Trees

Ash-Leaved Maple—Native of Manitoba, extremely hardy, very rapid grower, bearing leaves resembling the Ash.

American Sweet Chestnut—Among our ornamental native trees the chestnut is unrivalled for its beauty. When grown in open ground, it assumes an elegant, symmetrical form; the foliage is rich, glossy and healthy, and the whole tree is covered in early summer with long pendant blossoms. It is desirable for its nuts, which it bears profusely a few years after transplanting, and which sell readily at from \$4 to \$5 per bushel, making it very profitable as well as ornamental. It is a very rapid grower, an early and abundant bearer, hardy as an oak, and thrives on any soil except a wet one.

Black Walnut—A native species of large size and majestic form, foliage beautiful, being composed of from thirteen to seventeen leaflets.

Horse Chestnut—A very beautiful well-known tree, round, dense head, dark green foliage, and an abundance of showy flowers in early spring.

Hardy Catalpa—Rapid grower, with immense leaves, often measuring one foot in width, by two feet in length. Suited to all soils. 80

European Larch—An excellent, rapid growing, pyramidal tree; also valuable for timber. Small branches drooping.

Maiden Hair Tree—One of the most beautiful of lawn trees. A native of Japan, of medium size, rapid growth, rich, glossy, fern-like foliage.

Mountain Ash—A fine hardy tree, head dense and regular, covered from July till winter with large clusters of bright scarlet berries.

Oak-Leaved Mountain Ash—Hardy tree of firm habits, height from twenty to twenty-five feet, foliage simple, deeply lobed. Very fine lawn tree. Price, except where noted, 75c each, \$7 doz.

Weeping Deciduous Trees

Cut-Leaved Weeping Birch—Extremely vigorous and hardy. Price \$1.

Kilmarnock Weeping Willow—An exceedingly graceful tree, with large, glossy leaves; very hardy, much prized for lawns. Price \$1.

Weeping Mountain Ash—A beautiful tree, with straggling weeping branches; makes a fine tree for lawn; suitable for covering arbors. Price 75c.

Weir's Cut-Leaved Maple—A variety of silver maple. One of the most remarkable of trees, with cut or dissected foliage. Price 75c each.

Hedge Plants

Privet—A handsome shrub, with spikes of white flowers in June, and clusters of black berries like currants; makes a beautiful hedge, 18 to 24 inches high. Per doz \$1, per 25 \$1.50, \$5 per 100.

Evergreen Trees

American Arbor Vitae—This is one of the very finest Evergreens for hedges. It is very hardy, small plants 12 to 18 in. high, which have been transplanted several times are preferable.

Austrian or Black Pine—A remarkable, robust hardy, spreading tree, leaves long, stiff, and dark green; growth rapid; valuable for this country.

Scotch Pine—A fine, robust, rapid growing tree with stout, erect shoots and silver green foliage.

Norway Spruce—A lofty elegant tree of perfect pyramidal habit, remarkably elegant and rich; it is exceedingly picturesque and beautiful. One of the best Evergreens for hedges.

PRICES OF EVERGREEN TREES.

	Per doz.	Per 100.
30 to 40 inch.....	50c each.....	\$4.50
24 " 30 ".....	40c ".....	4.00
18 " 24 ".....	30c ".....	3.00
12 " 18 ".....	20c ".....	2.50

INSECT DESTROYERS...

FIR TREE OIL—Soluble in water, effectually destroying all kinds of pests to which plants are subject. Bottle, small size 25c, half pint 50c, pint 75c, quart \$1.50, 1/2 gallon \$2.75, gallon \$5.00.

NIKOTEEN—The most powerful extract and will be found more economical than weak tobacco extracts. Pint \$2.00.

SKABCURA is a stimulant for wool growth and a cure for Ticks, Lice, Mange and Scab. Pint \$2.00.

TOBACCO SOAP—Makes an excellent wash for plants and trees infested with insects. 1/2 lb 25c, by mail 30c; 1 lb 50c, postpaid 60c.

ROSE LEAF Extract of Tobacco—One of the most effectual articles for the destruction of all insects and scale on plants. Pint 40c; quart 75c; gallon \$2.00.

WHALE OIL SOAP—Makes an excellent wash for trees and plants, kills insects and eggs on the bark. Lb 25c; 2 lbs 50c; 5 lbs \$1.00. By mail add 5c per pound for postage.

LITTLE'S ANTIPEST (Readily Soluble in Water)—This preparation is a sure destroyer of insect pests of any or all descriptions. Price—Per bottle 25c, per small tin 50c, per large tin \$1.

TOBACCO CLOTH—Takes the place of Tobacco Stems. Per lb 75c, 2 lbs \$1.25.

COPPER SULPHATE—For Bordeaux mixture. Per lb 10c, by mail 15c.

LEMON OIL—Price—1/2 pint 50c, pint 75c, quart \$1.50, 1/2 gallon \$2.75, gallon \$5.00.

GISHURST CO. POUND—For preventing and destroying Red Spider, Scale, Mealy Bug, Thrip, Green and Brown Fly, etc. Sold in boxes; price 50c and \$1.50 each.

PURE DALMATIAN INSECT POWDER—Price—1/2 lb 20c; per lb 60c, or by mail 65c.

LONDON PURPLE—When applied in a liquid form, 1 lb to 200 gallons, or a teaspoonful to a pail of water, is sufficient. Lb 20c, by mail 25c; 10-lb lots, by express, \$1.75.

FLOUR OF SULPHUR—Lb 10c, 10 lb 50c, per 100 lbs \$4.00. By mail add 5c per lb.

PURE PARIS GREEN—Securely put up in boxes. Price—Per lb 30c, per 5 lbs \$1.25.

FOSTITE—Acknowledged the best preventative and cure against mildew, black rot, leaf blight, rust, etc. 5 lbs 70c, 25 lbs \$2.50, 50 lbs \$4.50, 100 lbs \$8.00.

SLUG SHOT—A non-poisonous powder, and a very popular insecticide. Easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Send for our book on Slug Shot. Lb 10c, by mail 15c; 5 lbs 35c, 10 lbs 60c, 100 lbs \$5.00; larger lots, price on application.

GRAPE DUST—Is a preparation to kill the destructive mildew that strikes the grape vine. In 5 and 10-lb packages. Per lb 10c, by mail 5c lb extra.

HAMMOND'S THRIP JUICE—Death to Mealy Bugs and scale, which infest roses. 1/2 pint tins 30c, pint 50c, quart 75c.

INSECT POWDER DISTRIBUTOR OR DRY POWDER SPRAYER



The application of Paris green and other poisons mixed either in water or plaster is both laborious and expensive. By the use of the Insect Powder Distributor in applying the insecticides clear, these difficulties are overcome, as the poison is distributed so evenly and in such small quantities that it is hardly perceptible on plants.

The small hole is for clear Paris green, the larger hole for hellebore, Bordeaux mixture and powders of like nature. The forked tube carries the poison directly on two rows of potatoes at once. With this tube attached a man can poison the bugs on an acre in thirty or forty minutes by walking at an easy gait without stopping.

The best time for applying the poison is in the early morning when the dew is on; it will then adhere much better to the leaves. Price \$4.50.

ECLIPSE ATOMIZER

When one stops to think that in the potato field the material required for the complete spraying of every hill, only amounts to two to six pints of water and two to six ounces of Paris green per acre depending on the size of the vines, and that a man can go over three to six acres per day; the labor being absolutely clean and easy, one begins to realize the great economy of this little implement over any other known method of bug killing. Price \$1.75.



SPRAY PUMPS

THE "SUCCESS" BRASS SPRAY PUMP

With Bucket Foot Rest
Indestructible Bronze Ball Valves

The annexed cut represents a new and excellent pump for use in gardens, vineyards, greenhouses and orchards, for washing windows and buggies; also for spraying poultry houses with whitewash. The working parts are all brass, and bucket foot rest is made of malleable iron. Nothing could be simpler and more durable than this pump. It has large air chamber space and is doubling acting, throwing an absolutely continuous stream either solid or in fine spray.

Success Brass Spray Pump

The end of hose connecting to pump is coiled with brass spring wire, adding largely to its durability. This pump is rightly named, and as a leader for general use it cannot be beaten. "Nothing succeeds like 'Success.'" The "Bordeaux" Nozzle, is furnished with "Success" Pumps.

Price—"Success" Brass Spray Pump, with "Bordeaux" Nozzle, with directions for spraying, \$4.50.

Seven-foot section of hose and couplings, with pole connection, for "Success" Pump, \$3.50 extra.

SPRAMOTORS

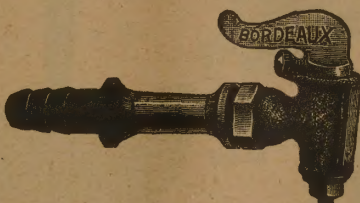
"OUR BABY"—"Our Baby," although not quite equal to the adult, will wash your windows, clean your buggies, white-wash your buildings or chicken coops, do the spraying for small fruits and some large trees. It is a thoroughly good and useful article, and so far as its capacity extends will give as good results as a more expensive outfit. The price is low. It is fitted with Spramotor or Vermorel nozzles and three feet of half-inch hose, hydraulic agitator. Price, complete, \$5.00.

No. 1 (Capacity 100 to 300 trees)—Made entirely of brass, or with the head, handle and agitator of iron, in the same manner as our larger size, No. 2. It will be shipped with these parts in iron unless especially ordered to the contrary. Price: ordinary, \$9.00; entirely of brass, \$11.00.

No. 2 (Capacity 1,000 trees or less)—Made with head, handle, agitator and tube of iron. \$12.00. Same with brass suction tube, brass rod and agitator, \$15.00.

Hose, per foot 10c. Nozzles (Spramotor or Vermorel), 75c.

THE "BORDEAUX" SPRAY NOZZLE



The "Bordeaux" Nozzle is the simplest and best combination spraying Nozzle on the market. It throws solid stream or a fan-shaped spray adjustable to any fineness; is readily de-gorged by turning the cock handle. It will also throw a long distance coarser spray for spraying very large trees; or it may be shut off altogether—features possessed by no other spray nozzle. Price, \$1.25.

THE DEMING SPRAY PUMP

With Mechanical Agitator, Adjustable Base and Brass Working Parts.



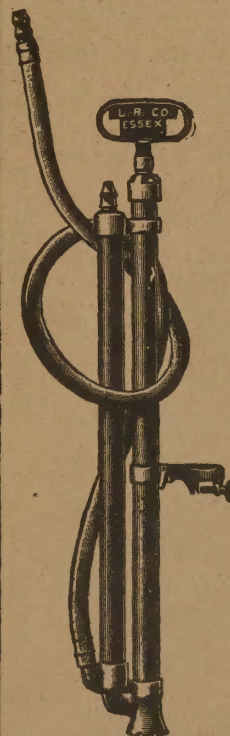
Barrel not furnished with Pump. Cut shows outfit "BB."

SIZES AND PRICES

Oufit BB	Fig. 550 Spray Pump with 12 1/2 feet of 1/2 in. 3 ply hose, with Bordeaux Nozzle and Pole connection. Has Double Discharge Y.	\$9.00
As per Cut		
Oufit CC	Fig. 550 Spray Pump with two 12 1/2 feet sections of 1/2 in. hose, Bordeaux Nozzle and Pole connections. Has Double Discharge Y.	\$15.00

"I.X.L." AUTOMATIC SPRAY AND FORCE PUMP

It is made of nickled brass, galvanized iron tubing, brass springs with strainer on top, and with the sprays that go with it warrant us in claiming that it is what has long been needed for spraying purposes. It will pump from the pail or will carry the material to be used, and will throw a stream of 25 feet. Price each, \$2.75; postpaid \$3.



Bucket Spray Pump (Brass)

BRASS BUCKET SPRAY PUMP WITH AGITATOR

(Myer's Patent)

Differs in construction from old pumps of this class; the heavy work is on down stroke of the plunger and nothing on the top. The effect of this is to hold the pump down, and it is not necessary to use a foot rest or in any way steady the pump while in operation. Price, \$5.00.

Myer's Bucket Spray Pump, with Lever, price \$7.00.

AQUARIUS

Complete, each\$6 50

AQUAPULT

Complete, each\$6 00

Tree Spraying Outfit

Knapsack Sprayer—

Made of the best Galvanized Tin, will not rust and is just what is required for ordinary use, being efficient and reasonable in price. The straps are adjustable, and it has an agitator easily worked with left hand for stirring mixture. No waste whatever. Less water, less poison, less labor, for every drop tells, and is put just where you want it. It is the most economical and perfect working apparatus in the market and we can confidently recommend it to our customers. Price, each \$4.00.

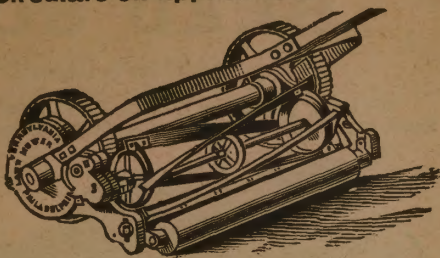
Rose and Rubber Valve—For long distances when the expressage on above Sprayers would cost too much, we can furnish our Rose with valve and bulb, with 2 1/2 feet of tubing, with connection, ready to attach to any pail. Price, each \$2.50.



THE PENNSYLVANIA HAND LAWN MOWERS

The Latest Improved, Easiest Running, and Handsomest Mowers Made. Circulars on Application.

In buying the Pennsylvania you have satisfaction in knowing you have a Lawn Mower that will do double the work each season with less repair, and have a Lawn Mower for future use when others are consigned to the old iron pile. Each machine is warranted to work as represented.



Prices of the Pennsylvania Lawn Mower:

10 inch, 8 inch driving wheel, for a child to work.....	\$ 7 50
12 " " " " " lad	8 50
14 " " " " " lady	9 50
16 " " " " " man	10 00
18 " " " " " man	12 00

The Pennsylvania High Wheel Lawn Mowers—15 inch, 10½ inch driving wheel, \$13; 17 inch, 10½ inch driving wheel, \$15; 19 inch, 10½ inch driving wheel, \$17; 21 inch, 10½ inch driving wheel, \$20.

BRAUN GRASS CATCHER—Adjustable to Pennsylvania Mowers only. For 14, 15, 16, 17, 18 inch mowers, each \$2.50.

CANADIAN LAWN MOWERS

High Wheel—12 in., \$4.25; 14 in., \$4.50; 16 in., \$4.75; 18 in., \$5.25; 20 in., \$6.75.
Low Wheel—12 in., \$3.50; 14 in., \$3.75; 16 in., \$4.00; 18 in., \$4.25.

CONTINENTAL LAWN MOWERS

Circulars on Application.

It is the lightest running, swiftest cutting, and almost noiseless. We have no hesitation in recommending this machine as the "Very Best."
Price—14 inch, \$10.00; 16 inch, \$11.00; 18 inch, \$12.00. Special machines for high grass—15 inch, \$13.00; 17 inch, \$15.00; 19 inch, \$17.00.

MASTICA

For Glazing Greenhouses, Hot Beds, etc. New or Old.

Elastic, Adhesive, Easy to Apply.

Price per gallon, \$1.35. Price per ½ gallon, 75c.
Price per quart, 50c;

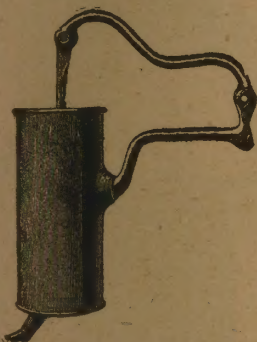
WIRE FLOWER STANDS

These we carry in stock of various shapes and sizes, 30 inches in diameter, \$3.50; 36 inches in diameter, \$4.00 each; 42 inches in diameter, \$4.50 each.

LAWN ROLLERS

Wrought Iron, Garden, Lawn and Field Rollers.

These rollers are all made of the best wrought iron. Weight 250 lbs. Price \$13.00.



Mastica Glazing Machine, Price \$1.50.

COLUMBIA FLOWER TUBS

Are the Best and Cheapest Tubs.

No. 1, Plain—Natural varnish finish on the wood, or if wanted can finish them in oil paint, but to order only. Each.

12 in. diameter by 11 in. high	\$ 1 25
15 in. " by 14 in. "	2 00
18 in. " by 16 in. "	2 50
21 in. " by 18 in. "	3 00
24 in. " by 20 in. "	3 50

Columbia Orchid Baskets and Cribbs. Prices on application.



PLANT PROTECTING CLOTH

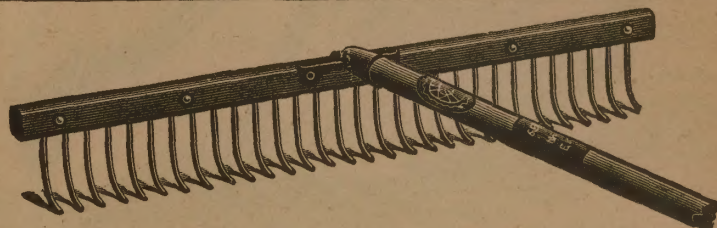
Or Waterproof Fibre, specially prepared to prevent mildewing and rotting; valuable for forwarding and protecting early plants from frost, covering hotbeds and frames in spring, in lieu of glass (after excessive freezing weather is over) and for throwing over bedding plants at night in fall, at one-tenth the cost of glass.



(Sample and Circular mailed on application).

Heavy Grade—Per yard, 15c; by the piece of about 50 yards, 14c per yard.

Medium Grade—Best for general use. Per yard, 13c; by the piece of 50 yards, 12c per yard.

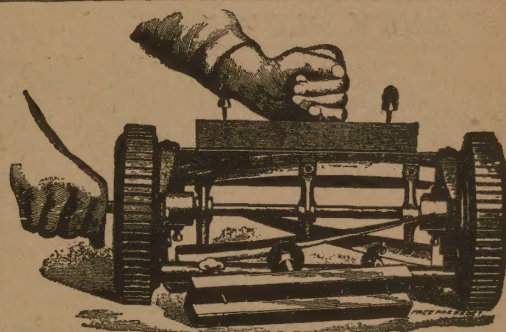


The Gibbs' Lawn Rake—Price \$1. A splendid article for raking up dead leaves, or grass on lawns after being cut with a lawn mower or scythe.

SCOLLAY Rubber Plant Sprinklers



No. 1	\$1 25
No. 2	1 25
No. 3	1 00
No. 4	75



Champion Lawn Mower Sharpener
Price, each \$1.00. Circular on application.

STOP YOUR GLASS FROM SLIDING

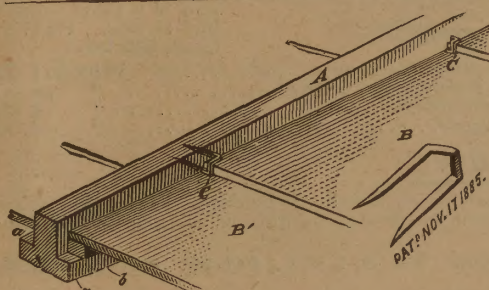
BY USING

The Van Reyper Perfect Glaziers' Points

Made of Steel Wire and Galvanized.

No rights and lefts.

Price, 75c per 1,000.
80c postpaid.



FIBRE ROLLING STANDS FOR HEAVY PLANTS—Platforms are indurated fibre ware; will not soak or rust; casters have ball bearings. 13 in., 3 casters, each 90c; 17 in., 4 casters, each \$1.25; 21 in., 6 casters, \$1.50 each.



Woodason's Patent Insect Exterminator Bellows.

Blows Paris Green, Hellebore, Dalmatian Insect Powder, Sulphur, Slack Lime, Slug Shot, etc., etc.

These Liquid and Powder Sprayers have carried off First Prize wherever exhibited.

Patent Double Cone Bellows, \$4.00.

Large Single Cone Bellows, \$3.00.

Liquid Spraying Bellows, \$3.00.

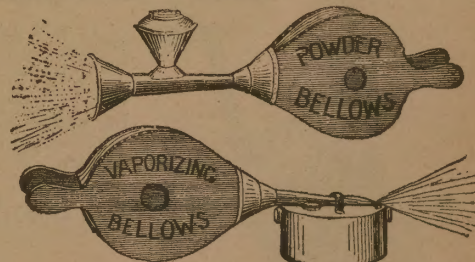
Small Single Cone Insect Powder Bellows for house use, \$1.75.

Small Bellows (Style No. A) for the greenhouse and small farms, \$4.50. Large Bellows (Style No. B) for the vineyard, to be strapped to the body, \$7.50.



GOLDMAN PLANT SPRINKLER

Price, 50c each, postpaid. Extra balls, 25c each.



JOOTSEN'S MAGAZINE BELLOWES



Combination Weeder—30c each; postpaid, 35c.

Rochester Transplanting Dibbler—35c each.

Excelsior Corn Husker—15c each.



FLOWER VASES

Iron and Terra Cotta.

Varying in price from \$3 to \$50.

Write for description.

EUREKA FUMIGATOR

(Galvanized)

12 inches diameter, at top 5 inches; holds one-half peck of tobacco stems.

PRICE:

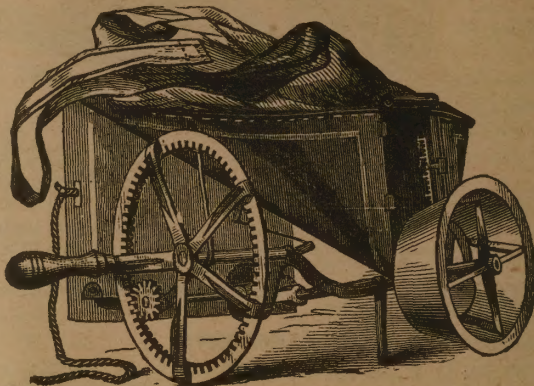
1st size	\$2 50
2nd "	2 00
3rd "	1 75
4th "	1 50

(83)



SEED SOWERS

Will sow perfectly Wheat, Oats, Peas, Barley, Rye Buckwheat, Grass Seed, etc. This machine, at a common walking gait, sows from 4 to 8 acres



Rye Buckwheat, Grass sows from 4 to 8 acres per hour. A saving of four-fifths of the labor and one third of the seed used in hand sowing is effected by using this machine. A person entirely unused to sowing by hand can use this Broadcast Seeder with perfect success. It is substantially built, and with ordinary care, will last many years, and save its cost in less time than any other farm implement yet introduced. Directions for using and gauging are furnished with each machine. **Price, \$4**

"THE LITTLE GIANTS" are best described as the lightest and easiest running and best sowing machines made.

The pressed tin wheel is the strongest wheel made, and is equalled by none in its work. The stirrer is the smallest and the most effective feed placed in any machine. It does not require seed to be cleaned and will sow orchard and blue grass.

They will throw flax and clover seed 36 feet to the round, wheat 50 feet, timothy seed 28 feet, oats 36 feet.

GEARED (see cut). It contains all the features of the original Little Giant but is operated by a crank instead of a bow. The gearing on this machine is the lightest that mechanical ingenuity can devise and makes it of the highest grade. Price, **\$2.00**, or postpaid **\$2.50**.

FIDDLE BOW, old style.
Price, **\$1.50**, by mail postpaid
\$2.00.

"Little Giant," Geared.

This Drill is claimed to be the best Horse Seed Drill in the market. The rollers are made of cast iron, and are hollowed to fit on the rows. They slide along the axle and will adjust themselves to any inequalities in the width of rows. Price, \$13.

Grass Scythes, Rivet	Each.	
Back and others.	\$	75 to \$ 1 40
Cradle Scythes, all		
kinds and lengths....	1	10 to 1 40
Grain Cradles, all		
kinds.		1 50
Scythe Stones.		10 to 15
Scythe Snathes.		50 to 85
Hay Rakes, wire bow		
and wooden bow.	10 to	25
Hay Forks, 2 prong... 3	40 to	60
" " " "	60 to	80
Straw Forks, 3 prong	75 to	1 20
Barley Forks, 4 prong	1 00 to	1 50
" " wood..		75

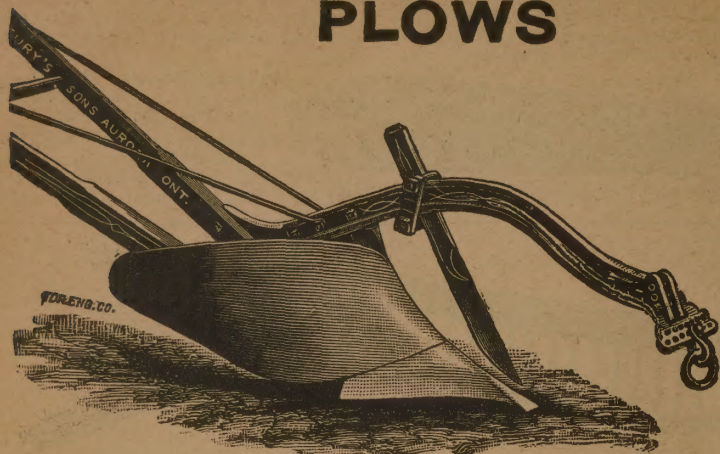
Manure Forks,			
4 prong.....	85 to	1 20	
Manure Forks,			
5 prong.....	1 10 to	1 25	

Draining Spades, 18, 20 and 22 inch.....Each \$2 50

Manure Forks,	Each.
6 prong.	\$1 25 to \$1 35
Spading Forks,	
4 prong.	1 00 to 1 20
Potato Forks, 4 prong	85 to 1 25
Turnip Hoes	55 to 70
Field Hoes	35 to 65
Thistle Spuds	40
Reaping Hooks	50
Vegetable Scoops	1 20
Grain Scoops	1 00 to 1 50
Spades, in variety	75 to 1 50
Shovels, in variety	50 to 1 30
Fork and Hoe Hand- les, in variety	15 to 40

**Plow Lines, Cotton Bags,
Linen Bags, Etc.**

Draining Spades, 18, 20 and 22 inch.....Each \$2 50



A general purpose plow, very light in draught. It gives particularly good satisfaction in summer fallow and stubble. Next greatest to the No. 21 in demand in Ontario, and in many places securing the whole trade. It is a growing favorite. Cuts a furrow 7 to 10 inches. Price, No. 13 Plow, **\$12.00, Cash.** No. 8 Plow, **\$12.00, Cash.** No. 12 Plow, **\$12.00, Cash.** No. 21 Plow **\$12.00, Cash.**

An illustration of a large, curved metal tool, possibly a scythe or a large knife, with a long handle and a curved blade, resting on a surface. The tool has a long, straight handle with a crossbar and a large, curved blade. The blade is shown in a curved position, and the handle is attached to it with a bolt. The tool is resting on a surface that looks like a pile of straw or hay.

A one-horse or garden plow that cuts the width it turns, and turns a furrow properly. Most one-horse plows are only two-horse plows shortened up, and spoiled for real plowing. This one is a plow — light but strong. Price, Cash, **\$10.00.**

Flcury's Celebrated Root Pulper.....	Price \$11 50
Flcury's Straw and Ensilage Cutter.....	" 14 00
Flcury's Farm Wheelbarrow.....	" 4 50
Emperor Potato Digger.....	" 9 00

We can supply the following desirable "Standard" Plows, manufactured near Toronto, of the best material (regardless of cost), by the Wilkin-
son Plow Co.

One-horse Plow, \$10.00. No. 3, I. X. L., \$12.50. No. 7, \$12.50. No. 30, \$12.50.

No. 1—For farmer's general use. \$25 | No. 2—Hand mill of large capacity..\$35

Garden Harrows, in two sections.....	\$12 00	Farm Harrows, in three sections.....	\$14 00
--	----------------	--	----------------

It will pay for itself in two days' use. Plants regularly, and the seed being always deposited in moist earth, comes up quicker. Simple, cheap and durable. Improved with a bolt through the connecting plates, making it the best and cheapest corn planter in the Dominion. **Price, \$1.50.**

Over 50,000 in use. Will shell a bushel of corn in four minutes. **Price, each, \$2.50.**

**Flower Pots,
Saucers,
Tree Pots,
Round Seed Pans,
Hanging Baskets.**

The measurement is from outside to outside. Packing charged extra, when ordered to be shipped a distance from Toronto. Pots are carefully packed, but we do not assume any risk of breakage.

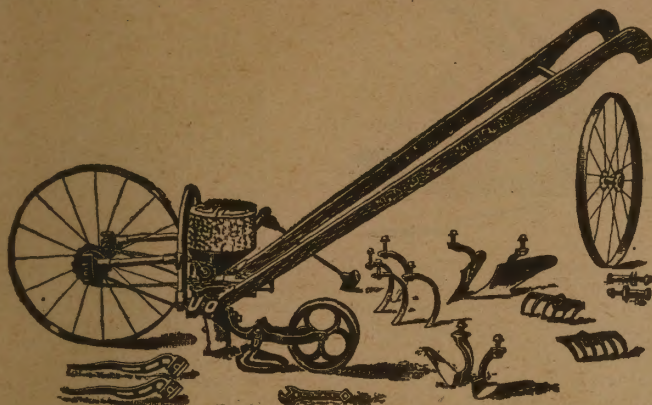
FLOWER POTS				SAUCERS.		TREE POTS			SAUCERS.		ROUND SEED PANS		H'GING BSKT	
Size.	Inch s.	Per doz	Pr 100	Per doz	Per 100	Size. Each.	Each	Per 100	Each	Per 100	Size. Inch.	Each	Size.	Each.
Thumbs...	2½	\$0 15	\$1 00	....	....	2 gals..10	\$0 40	\$35 00	\$0 20	\$18 00	7	\$0 15	Small..}	\$0 15
Small Verbena..3	15	1 00	....	....	....	3 " ..12	75	....	25	22 00	8	15	Size 3..}	
Large Verbena..3½	20	1 25	....	....	....	4 " ..14	90	....	30	25 00	9	20	Medium }	} 25
Half Pints.....4	25	2 00	\$0 15	....	....	6 gals..16	2 00	....	50	45 00	11	25	Size 2..}	
Pints.....5	40	2 50	25	....	....	8 " ..18	2 50	....	....	....	12	30	Large..}	} 40
Quarts.....6	50	3 50	30	\$2 25	....	....	....	....	....	....	13	35	Size 1...}	
Half Gallons...7	1 00	7 00	50	3 50	....	....	....	....	....	....	14	40	....	....
¾ Gallons.....8	1 50	12 00	....	....	....	....	....	....	....	....	....	....	....	....
Gallons.....9	1 75	14 00	90	7 50	....	....	....	....	....	....	16	50	....	....

Special Prices on application for larger quantities

"IRON AGE" GARDEN IMPLEMENTS.

The "IRON AGE" WHEEL HOES AND DRILLS for Field and Garden Work.

We have no hesitation in claiming these tools to be the most perfect and satisfactory made and we want to place one in the hands of every customer. They have recently become immensely popular, owing to the new departure in their design and construction; in other words, they are all right and up to date. They are equipped with high, steel wheels, very light; tubular frame connected to malleable iron castings—really bicycle construction, and in consequence they are exceedingly light, convenient, easy to handle and very handsome in appearance.



THE "IRON AGE"

COMBINED SEED DRILL, WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

We are glad to be able to offer our friends in this tool what is evidently the most complete implement of the kind ever offered; the cut shows it to be a whole tool house of itself. It is a seed drill, a double wheel hoe, a single wheel hoe, a cultivator, plow and rake.

It is converted into a perfect seeder by the drill attachment, which is quickly and easily placed in position, and which is simple in operation, having no gearing, screws or springs to get out of order. The adjustment for various seeds is perfect, the cam index allowing the seed slide to be instantly adjusted to the slightest variation desired.

The labor of operation is reduced to a minimum, owing to the light weight of the tubular frame, high wheel, etc.

Price complete \$11.00.

THE "IRON AGE" SEED DRILL

We offer the "Iron Age" as a seed drill only. This is the same tool as the combined "Iron Age" with no attachments and with but one wheel. The same remarks apply concerning its construction and operation.

Price \$8.00.

The "IRON AGE"

SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW COMBINED.

This tool is, in regard to the work done, almost a counterpart of the Double Wheel Hoe, and the same remarks as to its construction, extreme lightness and ease of operation will apply with equal force.



In addition, its lower price, less weight and increased steadiness given by a single wheel, make strong arguments in favor of this tool. For the small kitchen garden we consider the single wheel hoe, with these points of merit, as being very valuable. The work is done principally between the rows, although plants of small growth can be hoed on both sides at once by placing the wheel on the left side.

With this single wheel tool, spaces of exceedingly narrow width can be worked even using but one cultivator tooth. With the large plow attachment, deep furrows can be opened or closed; potatoes, celery and other crops hilled—in short, all such work usually accomplished by a special plow.

Price complete, \$6.00.

We also have a weeder attachment for this tool similar to the one shown on the Double Wheel Hoe, a capital thing. Price for Weeder Attachment \$1.00.

THE "IRON AGE"

DOUBLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW COMBINED.

At a glance one can see the great usefulness of this tool. The garden or farm is incomplete without at least one of these tools. In cultivating onions, beets, turnips, radishes, etc., it is invaluable, saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this double wheel hoe possesses is that it can be made into a practical single wheel hoe in a moments time. An axle is sent with every double wheel hoe for this purpose. The wheels are 16 inches high, enabling the wheel hoe to run easy and without yielding to the depressions of the soil as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine for the price.

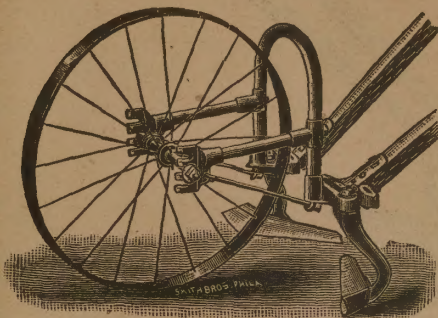
Price complete \$8.00.



The "Iron Age" Combined Double Wheel Hoe

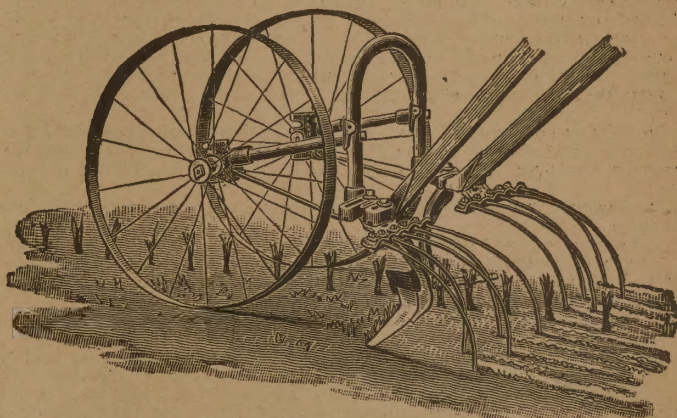
The "IRON AGE"

PLAIN DOUBLE WHEEL HOE WITH SIDE HOES ONLY.



"Iron Age" Double Wheel Hoe Adjusted as a Single Wheel Hoe with Side Hoes Only.

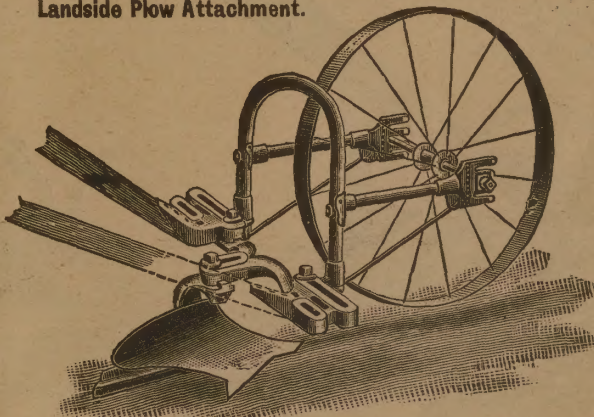
In order to accommodate those who have only use for the Wheel Hoe for hoeing we offer the machine described above with side hoes only. This implement may be used as a Double or as a Single Wheel Hoe. The illustration shows it adjusted as a Single Wheel Hoe. Price \$4.50.



THE "IRON AGE" DOUBLE WHEEL HOE WITH WEEDER ATTACHMENT.

For perfect work every one using a wheel hoe should have a pair of our weeder attachments. They may be used with or without the side hoes. Where used in connection with the side hoes, as shown in cut, they thoroughly pulverize the soil and break up the lumps which follow the side hoes, and at the same time keep the land perfectly level, so the plant is not left to stand on a ridge to be dried out by the suns rays. Price for Weeder Attachment \$1.25. Complete \$5.75.

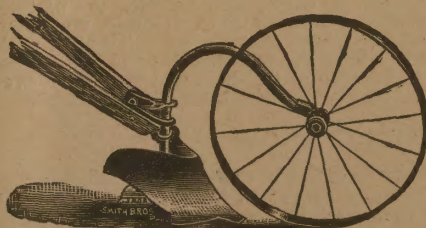
The "Iron Age" Double Wheel Hoe (Adjusted as a Single Wheel Hoe) Showing Landside Plow Attachment.



Price for Landside Plow Attachment \$1.00.

The Landside Plow may be attached to the machine while it is either a double wheel or a single wheel hoe, oftener used with a single wheel for convenience of working. Oftentimes it is convenient to have a Landside Plow in connection with a double wheel, as with this attachment the ground can be broken and the machine used for a greater variety of work.

THE "IRON AGE" WHEEL PLOW



Packed Weight, 15 lbs.

Following out the idea of bicycle construction, as shown in the preceding tools, we offer also a wheel plow constructed in same manner, and we think we cannot be accused of extravagant language in claiming it to be a little "beauty". Its graceful shape and exceeding lightness accord well with its ease of operation and perfection of work. Adjustable in depth.

Price \$2.50.

Send for Complete "Iron Age" Catalogue for further descriptions.

THE "IRON AGE" HILL AND DRILL SEEDER



The "Iron Age" Hill and Drill Seeder is without question the most complete tool ever offered by the manufacturers of the "Iron Age" implements. It has only been placed upon the market after a most thorough experiment and field tests. A glance at the cut seems only necessary to convince one of its many excellent points of advantage. The Wheel is 16 in. high, made of steel with a two-inch tread. The Opening Plow is non-clog-gable and can be instantly adjusted. The Hopper is low, therefore, the delivery of the seed is close to the ground, thus making possible accurate spacing. Capacity 4 quarts. The Agitator is a revolving bush which makes it a sure feed and sows absolutely all of the seed accurately, and without injury.

The distance of spacing the seed can be instantly changed by simply removing a small wheel at the side of the hopper and reversing it, or by putting on another. It will drop at $4\frac{1}{2}$ in., 6 in., 9 in., 12 in., 18 in., 36 in. apart.

The change from a Hill Dropper to a Row Drill can be instantly made, or vice versa.

The amount of seed can be minutely adjusted by our patented cam index, one feature which has made the New Model so famous. The Covers are firmly held in place by a spring—thus avoiding all danger of not covering. The wheel rolls and packs the soil.

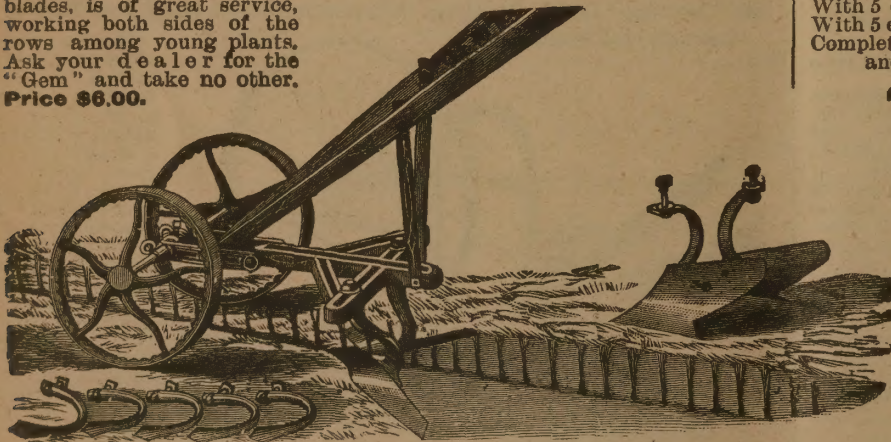
The flow of seed can be instantly stopped or started by a convenient finger latch on the handle.

Our patented marker can be changed in width by inches, and when not in use can be thrown up out of the way. All in all this "Iron Age" Drill is destined to surpass all other drills when its merits are known. It is light, strong, capacious, simple and finely made, in fact, the most severe critics can find no fault with it. Like other "Iron Age" goods, it is sold on its merits. **Price \$12.00.**

"IRON AGE" RIDING CULTIVATOR. **Price \$32.00.**

"Gem" Double and Single Wheel Hoe Combined \$6.00.

This has in addition to the Single Wheel Hoe the Double Wheel Attachment and two extra steel blades, which we furnish with the Single Wheel, including all parts shown in the engraving, for \$6.00. The Double Wheel attachment, with these extra blades, is of great service, working both sides of the rows among young plants. Ask your dealer for the "Gem" and take no other. **Price \$6.00.**



"Gem" Double Wheel Hoe

THE "JEWEL" SINGLE WHEEL HOE

Cultivator and Plow Combined, \$5.00.

Like the Double Wheel "Jewel," this tool is constructed entirely of malleable iron and steel, with exception of wheel and handle. As plainly shown by the cuts, it is capable of several combinations, a simple, very easy working scuffle hoe, with hoes 6 and 9 inches in length; as a cultivator, with four steel teeth; or as a large-sized Wheel Plow. The "Jewel" is adjustable in every way, thoroughly well made and finished, and is, we believe, the lightest and strongest of its kind made. **Price, complete, \$5.00.**

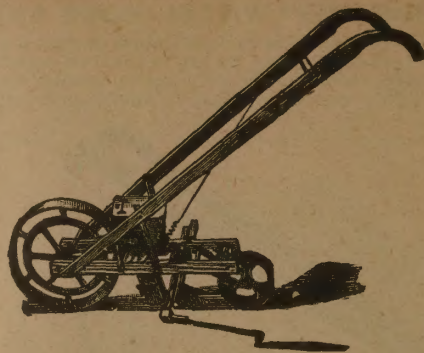
The "Jewel" Wheel Plow

Weight only 10 pounds.

Malleable Iron Frame, Light and Strong. **Price \$2.50.**

Adjustable in depth of working and height of handle. As a Wheel Garden Plow, we are confident none can be found to excel or equal it. **Carefully boxed.**

We are Sole Agents for these goods and carry a large stock, thus enabling us to fill orders at the shortest possible notice.



The "New Model" Seed Drill, \$7.50

Perfect Index; Instantaneous Cut off; Adjustable Marker; Broad Wheel; Steel Opening Plow; Adjustable Handles.

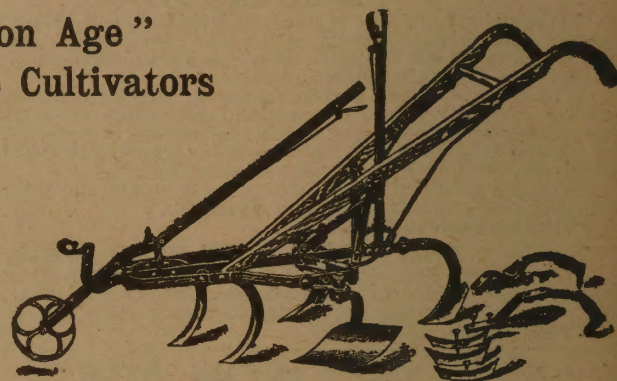
The record of the "New Model" has been so entirely satisfactory, and its place as one of the leading drills has become so firmly established that we are almost tempted to discard the word "New." It is surprising to see how quickly it has been adopted by seedsmen and market gardeners as an old friend.

In reference to the "New Model" Drill, we do not think it necessary to enter into a discussion about the necessity for and economy in the use of Seed Drills. Farmers and gardeners generally, we believe, are now well enough posted to understand and fully appreciate all these points. Suffice it to say that the "New Model" is the result of careful experimenting in the field and factory, in close comparison with leading drills, and being constructed with the view of avoiding all radical defects of said drills, built in a workmanlike manner, of best material and in neat style and finish, we venture to assert it will be found to be the best seed drill in use, and indeed a model in every respect.

Each Drill crated and carefully packed for shipment. Packed weight about 45 lbs. **Price \$7.50.**

The "Iron Age" Horse Cultivators

"Iron Age" Horse
and Hoe Cultivator
Combined with
Wheel and Levers.
Price \$9.00.



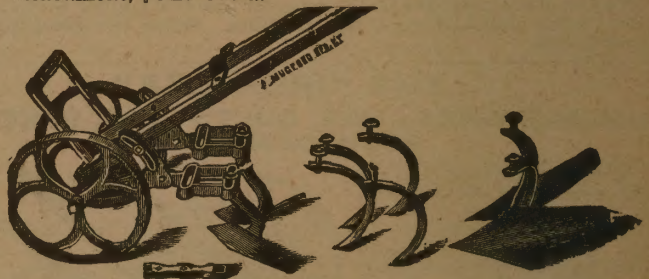
As made at present there is no Cultivator in use so completely adapted to the various needs of the farmer, particularly the "truck" grower. With seven narrow teeth it cannot be equalled as a thorough pulverizer of the soil, and is quickly changed to any of its combinations. With or without Lever Adjustment or Wheel. We claim this tool to be the strongest, steadiest horse hoe made; hoe standards are very heavy solid steel, adjustable in both pitch and angle of cut, adjustment of width instantly made, steady and smooth in its operation, the only level adjuster that does not impair the stiffness of the tool.

PRICES

Plain, with two mould boards and broad scuffer.....	\$6 00
With wheel extra.....	7 00
With 5 extra teeth.....	7 00
With 5 extra teeth and wheel.....	8 00
Complete as in illustration with mould boards, scuffer, teeth, wheel and levers.....	9 00

"Iron Age" Combined Harrow and Cultivator

Our "Iron Age" Combined Harrow and Cultivator is a tool that has diamond shaped teeth, with a small cultivator tooth forged on one end—steel, of course. For very close work, every other tooth can be very quickly removed. We also have, as an attachment, a wide, flat sweep on a high-throated standard, for use on rear end of middle bar. Sure death to weeds and grass. Plain \$7.50; with lever, \$8.25; with wheel, \$1.00 extra; Sweep Attachment, \$1.25 extra.



THE "JEWEL" DOUBLE WHEEL HOE

Cultivator and Plow Combined, \$6.00.

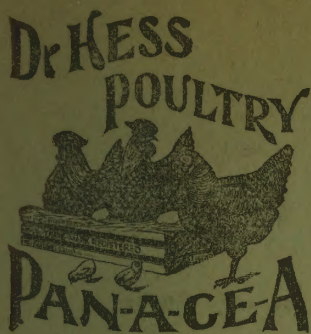
The "Jewel" is capable of being quickly adjusted in depth or width of working of handles. As shown in the cut it is provided with four slender stirring teeth; one pair of side hoes; also a pair of plows. The standards of these hoes and plows are of malleable and wrought iron—no cast iron.

The "Jewel" Double Wheel Hoes are carefully made, handsomely finished, and weigh about 22 lbs. each, complete. **Price \$6.00.**

"Gem" Single Wheel Hoe, \$5.00

The working parts of the Single Wheel "Gem" are: 2 Scuffle or Cutting Blades, one $4\frac{1}{2}$ and one 9 inches wide; 2 Plows, right and left hand; 5 Stirring teeth; all made of best steel. The wheels and handles of the "Gem" are both adjustable in height, while the frame is so slotted that the hoes, teeth or plows can be set in almost any position or angle. **Price \$5.00.**

For Sale by J. A. SIMMERS, Toronto



The Two Scientific Compounds for Poultry

Dr. Hess' Poultry Pan-a-ce-a and Instant Louse Killer

DO YOUR HENS LAY?

If not, feed DR. HESS' POULTRY PAN-A-CE-A. It is not a stimulant but a good reliable tonic, which produces eggs nature's way, not by over-stimulating the system, but by repairing the tissue, by enabling the organs to appropriate egg-making material.

ARE THEY SICK?

If so, there is just about one thing to do—feed DR. HESS' POULTRY PAN-A-CE-A as directed.

GAPES, CHOLERA AND ROUP

Yield to its influence. It is positively the only preparation that will actually cure diseases when once established in the flock.

PRICE—1½ lb. Package, 35c.—By Mail, 40c.

5 lb. Package, 85c.—By Mail, \$1.10.

DR. HESS & CO., ASHLAND, OHIO.

Gentlemen:—We, the Members of the London Poultry and Pet Stock Association, having this fall given your Pan-a-ce-a a good trial, find it an excellent preparation for Colds, Roup, Indigestion and kindred diseases, and can truthfully say that it is the most effective remedy we have ever tried, and have no hesitation in recommending it to breeders of poultry as being perfectly reliable and all you claim for it. We would recommend it, more especially to breeders of fine poultry for exhibition whose stock is more or less exposed to draughts, over-feeding, etc. We have also used your Instant Louse Killer, and find it very effective; it is also an excellent disinfective.

Yours respectfully,

THE LONDON POULTRY AND PET STOCK ASSOCIATION.

By RICHARD OKE, Secretary.

London, Ont., Nov. 9th, 1896.

Testimonial from
London Poultry and
Pet Stock
Association



Probably no single enemy is so universal among stock and poultry as lice. Realizing these facts we have been prompted to formulate our INSTANT LOUSE KILLER. It is not a poison, but lasting, effectual, convenient to use, and the cheapest article that can be had. It is put up in round cans with perforated lids, ready for use.

As a Deodorizer and Disinfectant it is entirely reliable for poultry houses, stables, pigeon lofts, pig pens, sheep stables, sinks, water-closets, vaults, cesspools, garbage boxes, kennels, etc. It serves as an absolute preventive of diseases, and will speedily destroy all parasites that inhabit such places.

It is especially adapted for the destruction

PRICE—1 lb. Package, 35c.—By Mail, 40c.

INSTANT LOUSE KILLER KILLS LICE Ticks, Fleas, Moths, Ants and All Kinds of Vermin

of sheep ticks, being a powder and easy to apply, overcoming the great disadvantage of dipping.

DR. HESS' POULTRY PAN-A-CE-A AND INSTANT LOUSE KILLER

Were awarded Medals at the TORONTO EXHIBITION; Medals at the WESTERN FAIR, LONDON; First Premium at Chicago Poultry Show; First Premium at St. Louis Poultry Show; First Premium at Rock Island Poultry Show. Indorsed by the London Poultry and Pet Stock Association, St. Louis Fanciers' Association, Rock Island Poultry Association, Davenport Poultry Association, by the President of the American White Plymouth Rock Club.

Thousands of testimonials on file.



Dr. Hess' **Stock Food**

Formulated by a Physician and Veterinary Surgeon.

THE ONE SCIENTIFIC COMPOUND FOR
Horses, Cattle, Hogs and Sheep

FOR HORSES

It gives life, vigor and energy, removes worms, and produces a fine, smooth, glossy coat, and is a wonderful flesh producer.

It increases the appetite and improves digestion. It cures epizooty, coughs, distemper, dropsy and all blood disorders.

FOR CATTLE

and blood disorders of cattle of any age, this Food is of great value. It is excellent in preparing cattle for market.

It increases the quality and quantity of milk, whets the appetite and improves digestion. In disease, ill condition

FOR HOGS

to such diet. It impairs digestion which opens the gate-way to disease. Dr. Hess' Stock Food prevents fermentation of the food, provides the essential bitter tonics necessary to promote digestion; supplies the restoratives which by nature belong in the blood and give power to build up tissue and ward off contagion.

We call special attention to Dr. Hess' Stock Food in preparing hogs for market. The ration of the average farm hog is made

up of material that no other animal will consume. The wonder is that all do not succumb to such diet. Slow growth, stunted condition, constipation, partial or complete paralysis of the hind legs, diarrhoea due to indigestion or worms are speedily overcome by the use of DR. HESS' STOCK FOOD.

DR. HESS' STOCK FOOD

stands superior to all as a preventive and inferior to none as a cure for hog cholera.

FOR SHEEP

often present in the winter months. In preparing sheep for market it pays many times its cost in aiding assimilation and the consequent rapid development. It is a wonderful aid in developing and sustaining the vigor of lambs. It will be found of great value when fed to ewes at lambing time.

It fills a valuable place in giving vigor, health and tone to every organ. It relieves coughs, overcomes the debility so

**POSITIVELY GUARANTEED TO GIVE SATISFACTION
OR MONEY REFUNDED**

PRICE—	7 lb. Bag	.. .. .	\$0.65
	12 lb. Bag	.. .. .	\$1.00

Address all Orders to

J. A. SIMMERS

147, 149, 151 KING STREET EAST

TORONTO, ONT.

THE "PLANET JR." GARDEN IMPLEMENTS.

87

Descriptive and Illustrated Planet Jr. Catalogue Sent on Application.

We carry a full line of machines and repairs. Every piece has a mark or number upon it. Be sure and mention number when ordering repairs or parts.



The "Planet Junior" No. 11, Double Wheel Hoe

Cultivator, Rake and Plow Combined.

Price, boxed, \$9.00.

"Planet Jr." No. 12, Double Wheel Hoe, Cultivator and Plow.

Price, - - - \$6.75.

"Planet Jr." No. 13, Plain Double Wheel Hoe

Price boxed, \$4.50.



"Planet Jr." No. 15, Single Wheel Hoe,

Cultivator, Rake and Plow Combined.

Price, boxed, \$6.75.

"Planet Jr." No. 16, Single Wheel Hoe,

Cultivator, Rake and Plow.

Same as No. 15, with fewer tools. Price, \$5.75.

"Planet Jr." No. 18, Single Wheel Hoe—Plain.

Price, - - - \$3.50.



"Planet Jr." No. 17, Single Wheel Hoe, Cultivator and Plow.

Price, - - - \$4.50.



FOR CHICKENS, TURKEYS, DUCKS, GESE and PIGEONS.

We guarantee our Poultry Pan-a-ee to cure Gapes, Cholera and Roup, after they are once established in the flock. It is an egg producer by its invigorating effect upon the organs, thereby enabling them to appropriate food, and aiding in the production of eggs.

For rapid healthy growth of young fowls, for development of bone, muscle and feathers, for indigestion, diarrhoea, leg weakness, and kindred diseases, our Poultry Pan-a-ee is without an equal, and an excellent article to feed as a preventative of contagious diseases.

Price—For 24-oz. package 35c, by mail 45c.
" 5 lb. " 85c, " \$1.10.

DR. HESS' PRACTICAL POINTS—A complete veterinary work for Farmers, Horsemen, Dairymen, Poultrymen. Mailed free on application.

DR. HESS' STOCK FOOD. Is a Scientific Compound.

For Horses, Cows, Hogs and Sheep.

It increases the appetite and improves digestion. It cures epizooty, coughs, distemper, dropsy and all blood disorders. It gives life, vigor and energy, removes worms, and is a wonderful flesh producer. It also prevents hog cholera. For coughs, so common to sheep and lambs, it is a positive cure.

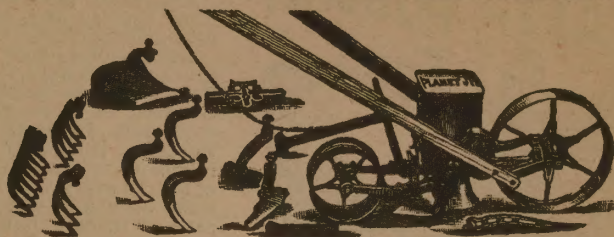


Price—12-lb. bag, \$1.00.
7-lb. bag, 65c.

For Lice on Poultry, Horses and Cattle, also Ticks on Sheep.

Put up in powder form. Very convenient and lasting. An excellent disinfectant and purifier for barns and out houses.

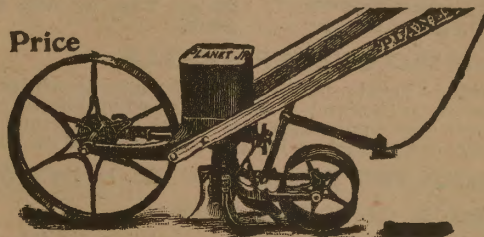
Price—1-lb. package 35c, by mail 40c.



"Planet Jr." No. 4, Combined Hill Dropping Seeder,

And Single Wheel Hoe, Cultivator, Rake and Plow.

Price, Complete, \$11.00. As a drill only, \$8.00.



"Planet Jr." No. 5, Market Gardeners' Hill Dropping Seeder (New).

Price, \$13.50.

"Planet Jr." No. 6, Fertilizer and Pea and Bean Drill.

Price, - - - \$13.50.

The "Fire-Fly" Wheel Garden Plow No. 19.

Price, - - - \$2.50.

"Planet Jr." No. 1, Combination Drill

And Wheel Cultivator, Rake and Plow.

Price, boxed, \$10.00.

The "Planet Jr." No. 2, Seed Drill.

Price, boxed, \$7.50.

"Planet Jr." No. 3, Hill Dropping Seeder.

Sows either in hills or continuous rows.

Price, - - - \$10.00.



"Planet Jr." Harrow and Cultivator.

Price, with wheel, \$9.00.

Price, complete, \$10.00.

"SAFETY" INCUBATOR AND BROODER

As a Reliable Hatcher the "Safety" Incubator has no equal.



It supplies its own moisture and is absolutely self-regulating, warranted never to over-heat or chill the eggs.

Guaranteed to out-hatch any other Incubator you can buy, and to need no attention whatever, excepting a few minutes every 12 hours.

Built in the following sizes and at the following low prices;

100 eggs capacity,	\$20.00
150 " "	25.00
240 " "	30.00
340 " "	40.00

OUR BROODERS are giving perfect satisfaction wherever in use and have no superiors.

100 chick, out or indoor, \$10.00
200 " " 18.00

Sectional indoor Brooders from \$15 up, according to capacity.

240-Egg Incubator, Price \$30.

Winner of First Prize in 1896 and Silver Medal in 1897 at Toronto Industrial Exhibition for hatching the largest percentage of fertile eggs.

We also manufacture The Wooden Hen Special, 55 egg capacity, at \$10 which, though not equalling our celebrated Safety, is equal to any incubator of the size manufactured.

For further particulars address.

J. A. SIMMERS, Agent.

Tested Standard Incubator Thermometer.—Mounted on metal graduated base, and distinctly marked high and low. Price, postpaid, 75c.

Conkey's Roup Cure.—Guaranteed to give best results, for Roup or Canker, a good preventative and positive cure. Price, 50c.



CRUSHED OYSTER SHELLS

A most important article for the poultry yard through the winter, and should be liberally supplied to the fowls. In summer when left to run at large, they can find their own shell-making material, but in winter they must be helped out if eggs are wanted. 5 lbs 10c, 20 lbs 25c, 100 lbs 75c.

GRANULATED POULTRY BONE—10 lbs 25c, 100 lbs \$1.75.

MICA CRYSTAL GRIT

To aid digestion, it is necessary to feed some gritty material. Mica Crystal Grit supplies this want better than any other article ever known. Price—5 lb bag 10c, 10 lb bag 15c, 20 lbs 25c, 100 lbs \$1.00.

Nothing on Earth Will Make Hens Lay Like

SHERIDAN'S CONDITION POWDERS

This statement to persons who have not used Sheridan's Condition Powders, seems to be a very strong one, but it is not a bit too strong, being an absolute proved fact beyond doubt. It is absolutely pure and highly concentrated. Strictly a medicine, it should be given in the food in small doses once daily. Prevents and cures all diseases of hens. Very valuable when they are moulting, as it keeps them perfectly healthy.

Price—Small package 25c; 2 lb package \$1.00, postpaid \$1.10.

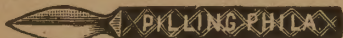
SANITARY DRINKING FOUNTAIN

The Sanitary Poultry Fountain is so designated that it can be instantly opened and thoroughly cleaned in a few seconds, thus overcoming the greatest objection to all other drinking fountains.

Price—1 gallon each, 60c; per doz \$7.00.

POULTRY CAPONIZERS

Set of instruments complete, with instructions, \$2.50. In velvet-lined case, \$2.75. We send book, "Complete Guide for Caponizing," with every set.



FRENCH POULTRY KILLING KNIFE

Sent postpaid on receipt of 50c. Sent securely packed by mail, on receipt of price.

PHILADELPHIA POULTRY MARKER

They are well made with steel spring and cutter, nicely nickel-plated. Made in two sizes. Sent postpaid on receipt of price. 30c each.

POULTRY BANDS

Per doz 25c, 100 \$1.50.



Lambert's Death to Lice

A cheap and effective remedy for all kinds of poultry vermin, lice on horses, cattle, swine, fleas on dogs, ticks on sheep, moths, bed or water bugs, roaches, etc. You can set hens in the same nest all summer if you dust them thoroughly with "Lambert's Death to Lice." Don't wait until the chickens droop and die before you use it on them in their coops.

Prices—5 oz. box 10c, 15 oz. box 25c, postpaid 30c. 3 lb. box 60c, postpaid 75c. 100 oz box \$1.25, carriage extra.

DEATH TO LICE OINTMENT

Especially for Head Lice on Chickens. Price per box 15c and 25c.

RUST'S EGG PRODUCER

Price—1 lb package 25c, by mail 30c; 2 1/2 lb package 50c, by mail 65c; 6 lb box \$1.00, 10 lb box \$1.50, at purchaser's expense.

RUST'S HAVENS' CONDITION POWDERS

A cure for Gapes and Poultry Cholera, and medicine for Horses, Cattle, Poultry, Sheep and Hogs. Liberal packages, weighing 14 oz 25c, postpaid 30c; 5 lb box (equal to six 25c packages) \$1.00, by express or freight.

RUST'S HAVENS' ROUP PILLS

For Roup, Catarrh, Colds and Distemper. Price per box of 48 pills, postpaid, 25c. Box of 250 pills \$1.00.

MILKING TUBES

For sore and obstructed teats and hard milking cows.

Prices—Set of four tubes, 1 1/2 inches, each 50c; special lengths, 2 1/2 inches, each 65c; 2 1/2 inches, each 80c; 3 1/2 inches, each 95c; 3 1/2 inches, each \$1.10; 4 1/2 inches, each \$1.25. Larger tubes in proportion.

Pratt's Poultry Food

Absolutely pure and free from poisons and all other injurious ingredients.

DIRECTIONS.—For young Chickens, Turkeys, Ducks or Geese, mix one ounce with the feed of 15 or 20 every other day. Large Chickens, Turkeys, Ducks or Geese, mix one ounce with the feed of 15 or 20 every day. Pigeons same as young Chicks. In case of disease double the dose, or should the fowl be unable to eat, make a gruel of Pratt's Poultry Food, and pour it down the throat with a spoon.

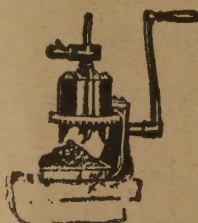
Package containing 26 oz. 25c, or 40c postpaid.

BONE MILLS

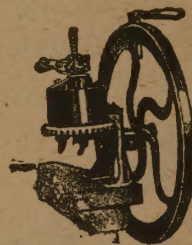
Mann's Green Bone Cutters for Small Flocks

Capacity, 10 to 20 lbs per hour.

Many improvements have been added this year. They now feed automatically, both hands are free to operate, and they cannot clog or run hard. It is a perfect small bone cutter, and has no equal for the price. To insure best results get the balance wheel. It is worth far more than the difference in price. These machines are very popular with owners of small flocks. They require so little strength that an eight-year-old boy or a woman can run them. The iron stand is a great convenience, as it requires neither time nor expense to set it up.



No. 1 C.
Weight 30 lbs.
Price, - \$6.50.



No. 1 B.
Weight 55 lbs.
Price, - \$8.50.



No. 1 B.M.
Weight 80 lbs.
Price, - \$12.50.

THE NEW NO. 4

(An outgrowth of, and improvement upon, the old No. 3).

It is the most perfect Bone Cutter ever made.

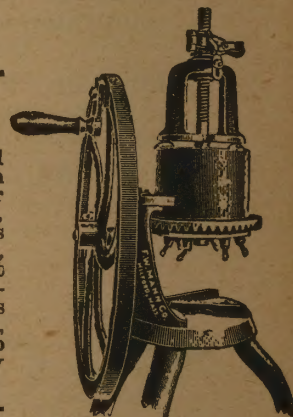
Price, New No. 4, without legs, \$14.00.

Price, with legs, \$18.00.

Mounted on stand it is 44 inch high.

It surpasses all others in easy and rapid cutting. It feeds automatically, leaves both hands free to operate, and cannot run hard or clog. The cylinder has been greatly enlarged, and bones do not have to be cut so small as before. The feed screw is larger, with a square, coarse thread which will not break, wear out or crush down. The cutter plate has been enlarged, has six specially improved steel knives in place of three, with a rim to guard the gears, which prevents the bone or meat getting into them and clogging. All parts are strongly built, and will not break or wear out.

"You can buy cheaper Bone Cutters, but compared with our New No. 4, no other Bone Cutter is cheaper at any price."



New No. 4 B.M.
Weight 105 lbs.

Mann's New Double Hand Bone Cutter No. 8

REMODELLED AND IMPROVED.

Price, \$25.00.

Capacity 1 lb to 1 1/2 lbs per minute.

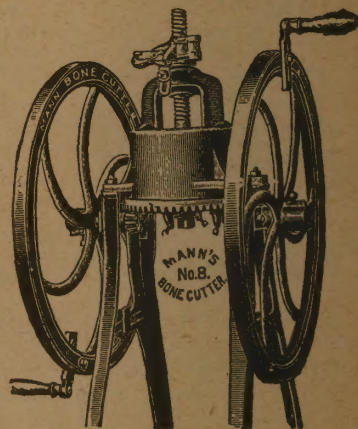
This machine is adapted for poultry raisers who have a large number of hens, and some one, either boy or hired man, to help them turn. It is the same machine as the single hand, with wheel and gear added. Some purchasers, however, of this Double Hand Bone Cutter have given direct testimonials that it is superior to the Single Hand Machine, even for one person to use.

The advantage of two wheels over one are evident to the most casual observer. The ability of two operators to maintain with ease its continued operation, assures a sufficient product to meet the demands of the largest flock, and gives to its owner almost equal advantages with those who own a power plant. Price \$25.00.

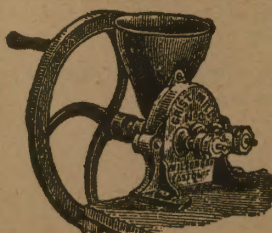
Mann's Bone Cutter No. 2

Same as No. 8, but with only one Balance Wheel.

Price \$21.00.



No. 8
Weight 180 lbs.



Family Crist Mill No. 0

This mill is especially made for grinding Graham flour or corn meal for table use. It can also be adjusted for cracking the grain if desired. It is a valuable machine to have in the kitchen, as you can have fresh Graham or corn meal when wanted. The grinding surfaces are of very hard material, especially made for this purpose. Weight 30 lbs. Price (without legs), \$6.00. Price (with legs), \$8.00.

Dog Medicines

MADE BY

Spratts Patent Limited

All medicine in bottles, boxes or tins
free by mail



Alterative Cooling Powders—Specially valuable for "heat of the blood," as in surfeit, blotch, mange, ear canker, etc. Per box, 50c.

Aperient Tasteless Biscuit—Per tin, 50c.

Chronic Skin Disease Cure—Including eczema, pustular eruptions, rustiness, harshness and loss of coat, enlarged joints, glandular swellings, etc. Per box, 50c.

Cough Pills—For common colds, asthma, husks, sore throat. Per box, 50c.; sample box, 25c.

Chorea (St. Vitus Dance) Pills—Per box, 50c.

Diarrhoea and Dysentery Cure—Per bottle, 50c.; sample bottle, 25c.

Distemper Cure—An effective cure for this scourge of the kennel. Each package contains minute directions for the treatment of dogs suffering from distemper. Box, 50c.

Disinfectant—For stable or kennel. Per pkt., 20c. 1 pkt. makes 4 gallons.

Ear Canker Lotion—A certain cure for this disease. Per bottle, 50c.; sample bottle, 25c.

Eczema Lotion—Per bottle, 50c.

Hair Stimulant—Per bottle, 50c.

Insect Powder—Per tin, 25c.

Jaundice or Yellows—Per box, 50c.

Locurium (Patent)—A new vegetable oil for cure of sores, cuts, wounds, etc.; for human and animal use. Per bottle, 25 and 50c.

Mange Cure—This is a non-poisonous fluid, which rarely fails to speedily cure mange in every form; directions for the management and treatment of dogs suffering under every form of mange are wrapped round the bottle. It destroys lice, ticks and fleas on dogs and other animals, and cures mange in horses, cattle and pigs, and scab in sheep. In bottles, 50c, postpaid; and in gallon and half-gallon jars for large kennels, \$3.50 and \$2.



Purging Pills—The safest aperient and liver pill. Composed entirely of vegetable products. Per box, 50c.

Rheumatism and Sprain Liniment—Per bottle, 50c.

Rheumatism and Chest Founder Pills—Per box 25 and 50c.

Tonic Condition Pills—For debility arising from disease, of great value in training dogs requiring endurance and preparing them for exhibition. Per box, 50c.; sample box, 25c.

Vegetable Puppy Vermifuge—Per box, 50c.

Worm Cure—Safe and certain expellent of troublesome parasites, the source of many forms of canine disease. Per box, 50c.

PATENT POULTRY MEDICINES

Roup Paste—Per tin, 50c.

Condition Paste—Per tin, 50c.

Gape Cure—Per bottle, 50c.

Cure for "Foot Rot" in Sheep, the "Foul" in Cattle, and "CANKER" in the foot of the Horse. Most valuable ointment, eradicates disease, creates healthy action. Per tin, \$1.

Ventilated Dog Hampers

With iron hinges, bar and staples for padlock, and two strips of wood secured under the bottom of basket; padlocks extra. All made strong, of best quality white and buff wicker. Especially valuable in expressing dogs and as suitable dog baskets for carrying pet dogs.

42 in. long, 30 wide, 33 deep, inside measure, \$15.00
36 " 24 " 24 " " " 12.50
36 " 20 " 19 " " " 10.00
30 " 21 " 24 " " " 10.00
24 " 18 " 18 " " " 6.00

Dog Brushes and Combs

(Imported.)



Brushes—Whisks, 20c., 40c., 60c., 90c. each.

Brushes—With slanting bristles, suitable for terriers; each 75c. and \$1. Whalebone, 75c.

Penetrating Dog Brush—Made of best quality grey Russia Akatka bristles; best dog brush ever offered; 3 x 6 in., each \$1; 3½ x 7 in., \$1.50. Solid leather back brushes, 3 x 6 in., \$1; 3½ x 7 in., \$1.50.

Combs—Horn, 50c. each; nickel plated steel, 90c. and \$1.75; wire curry combs, 60c., 75c.

Dog Gloves (Imported)—Unrivalled for producing a healthy, sleek and glossy surface on coats of greyhounds, foxhounds, harriers and other dogs. Each, \$1 and \$2.

Dog Clothing (Imported)—For all kinds of dogs, in all shapes, sizes and patterns. For greyhounds, from \$4 50; Mackintosh waterproofs with hood, \$3.25.

Patent Non-Upsetable Dog Trough Imported—Enamelled iron, \$1; galvanized iron, 50c.

Dog Collars (Imported)—Plain, solid leather, hand-sewed, with or without name plate:

	Size ½-in.	¾-in.	1-in.	1½-in.	2-in.	2½-in.
Nickel-Plated.....	25c	30c	35c	50c	90c	\$1.25
Brass.....	20c	25c	30c	40c	70c	1.25

Round Collars (Imported)—Round leather, for long-coated dogs; 75c. to \$1.50. For St. Bernards, boar-hounds, with or without gag, \$1.50.

Leads (Imported)—Round and flat leather. From 50c.

Bench Show Chains (Imported)—With two spring hooks and three swivels.

	3 ft. 2 in.	3 ft. 4 in.	3 ft. 6 in.	4 ft.
Nickel-Plated.....	90c	\$1.00	\$1.00	\$1.10
Bright	68c	70	75	1.00
Brass.....	...	...	2.25	2.50
Yard Chains, bright....	...	40c	...	60c

Dog Chains (Domestic)—Nickel-plated, 4 ft. 6 in. No. 1, 50c.; No. 2, 40c.; No. 3, 35c.; No. 5, 30c.

Dog Couples (Imported)—Curb, nickel-plated. No. 0, 75c.; No. 1, 80c.; No. 2, 85c.; No. 3, 90c. Bright, No. 0, 60c.; No. 1, 65c.; No. 2, 70c.; No. 3, 80c.

Biscuit Breaking Machine—To fix on floor, \$12

ADDRESS ALL ORDERS TO

J. A. SIMMERS, Agents
TORONTO, CANADA

J. A. SIMMERS, Toronto

AGENTS
FOR

Spratts Patent Limited

Since we revolutionized the mode of Dog Feeding over thirty years ago by introducing Meat Dog Biscuits, we have been constantly experimenting with the view of still further improving our Celebrated Patent Meat "Fibrine" Dog Cakes, more especially with the view of obviating the objection raised to all Meat Biscuits, viz., the want of sufficient vegetable matter in them.

Dogs can be starved to eat anything, but it is a well-known fact that very few will voluntarily eat vegetables, without which a dog's blood cannot be kept in a cool state nor the bowels in perfect order. We found by frequent experiments with all kinds of vegetables that Beetroot was the only one which retained its properties when made into a Biscuit.

Thus the great difficulty in the manufacture of Meat Biscuits was overcome, and we now present to our customers a biscuit combining the amount of vegetable matter absolutely necessary for the preservation of the dog's health, with the other valuable and nutritious ingredients which have secured a world-wide reputation for our Patent "Fibrine" Cakes.

Carriage paid by Customers, except where noted.



We caution all who order Spratt's Dog Cakes to particularly observe that every cake is stamped with "Spratts Patent" and a X.

Patent Meat "Fibrine" Vegetable Dog Cakes (with Beetroot)—These celebrated cakes are supplied to all leading kennels, and are used at the principal Dog Shows all over the world. Per 100 lbs. \$7; 50 lbs. \$3.50; 25 lbs. \$1.75; 10 lbs. 75c.; 5 lbs. 40c.; 3 lbs. 25c.

Patent Charcoal Dog Cakes—Per 100 lbs. \$7.

Patent Greyhound Meat "Fibrine" Dog Cakes (with Beetroot)—Contains 35 per cent. meat, and are made from best oatmeal, wheat meal, etc.; used by all the principal greyhound trainers. Per 100 lbs. \$7.25.

Oatmeal Plain Round Dog Cakes—For greyhounds where preference is given to training on meat. Per 100 lbs. \$6.

Plain Round Dog Cakes—Used where hounds are fed on flesh. Per 100 lbs. \$5.

Puppy Cakes—For use during teething. Per 3 lb. pack. 30c.; 5 lbs. 50c.; 100 lbs. \$7.50.

Pet Dog Cakes—Specialty for all Pet Dogs. Per 3 lb. pack. 35c.; 5 lbs. 55c.; 100 lbs. \$8.

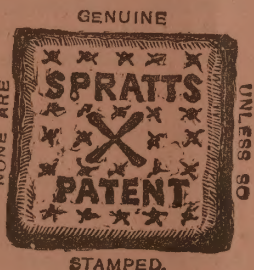
Patent Cod Liver Oil Dog Cakes—Per 3 lb. pack. 35c.; 5 lbs. 55c.; 100 lb. box \$8.



Puppy Food—Substitute for the natural milk, if the mother is dead or deficient in milk. Per tin 3 lbs. \$1; 1 lb. 50c.

Pepsinated Puppy Meal Sample tin 25c.; 2 lb. 50c.

Puppy Bone Meal—Per tin, 2 lbs., 25c.



Bone Meal—For chickens and young pheasants. Per tin, about 2 lbs., 25c.

Granulated Bone—For poultry, game and dogs. Per 100 lbs. \$3.50; 50 lbs. \$1.75.

Cardiac—A tonic powder for poultry and game. Sample 10c.; per lb. 25c., postpaid.

Patent Poultry Meal—Used at principal poultry shows all over the world. Most successful food for rearing all kinds poultry. Per 100 lbs. \$6; 50 lbs. \$3.25; 25 lbs. \$1.75; 10 lbs. 75c.

Patent Game Meal—The most successful food for pheasants and all game; reduces the loss from gapes. Per 100 lbs. \$6; 50 lbs. \$3.25; 25 lbs. \$1.75; 10 lbs. 75c.

Ground Beef—Specially prepared for us. Per 100 lbs. \$3; 50 lbs. \$1.50; 25 lbs. 80c.; 10 lbs. 35c.

Granulated Prairie Meat "Crissel."—For poultry and pheasant rearing. Takes the place of insect life, ants' eggs, etc.; saving poultry raisers and game keepers valuable time. Specially valuable in winter. Per 100 lbs. \$3.50; 50 lbs. \$1.75; 25 lbs. \$1; 10 lbs. 50c.

Pigeon Food—Per 100 lbs. \$6; 50 lbs. \$3.25; 25 lbs. \$1.75; 10 lbs. 75c.; 5 lbs. 40c.

Fish Meal—Best food for rearing trout, etc. Per 100 lbs. \$5; 50 lbs. \$2.75.



DOG SOAP



This is of the greatest value to dog owners, as it is entirely free from poison, and most effective in the destruction of lice and fleas, and by keeping the skin free from scurf, it prevents mange and skin diseases.

Per cake 20 cents.

PUBLICATIONS

All Books Free by Mail

The Common Sense of Dog Doctoring—By Spratts Patent. 25c.

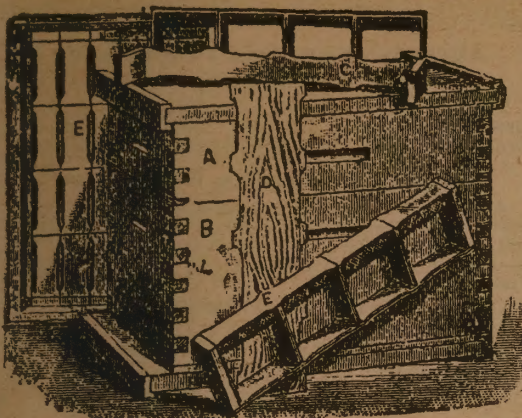
The Common Sense of Poultry Keeping—By Spratts Patent. 10c.

The Common Sense of Pheasant Rearing—By Spratts Patent. 10c.

Kennel Secrets—By Ashmont. (Illust.) \$3.

Kennel Records—Each, 50c.

Pedigree Blanks—Per copy, 5c.; doz. 50c.



Dovetailed Hive, with Section Super and Parts.



No. 1. No. 2. No. 3.

LANGSTROTH HIVES

Prices—No. 1—Dovetailed, bottom board, body of hive with frames, follower; upper story for comb honey with section holders and separators; lid, complete. Each \$1.40
The above in the flat, lots of 5. Price 8.00
" 10, " 11.50

No. 2—Dovetailed, same as above, only one extra story for comb honey, nailed, each. 1.85

No. 3—Dovetailed, same as No. 1, only instead of the comb honey super there is an extracting super with light frames and follower. Nailed, each 1.60
In the flat, lots of 5, price 6.25
" 10, " 11.50

Hives supplied with the **Holtermann Sheet Iron Cover**—3c per hive extra made up; 2c per hive extra in the flat.

SECTION HONEY BOXES

We handle only first-class, polished on both sides, slotted on top and bottom. One piece or four pieces, state which you desire. Size 4 1/2 x 4 1/2 x 1 1/2, 7 to foot, 1 1/2. State size required, otherwise 1 1/2 will be sent. Per 100, 50c; 500, \$1.75; 1,000, \$3.50; 2,000, \$6.50; 3,000, \$9.00. Four piece sections 50c per 1,000 extra.

FEEDERS

The Miller—Designed to place inside of a super or in the upper story on top of the brood frames. Each 35c; per doz \$3.00.

BEE VEILS—80c.



COMB HONEY CRATES

They are glassed on one side only.

4 1/2 x 1 1/2, in flat.....per 10 25 100
Price, 12 three section fronts..\$1 00 \$2 00 \$7 00
18 " 1 20 2 75 9 00

Glass 2c each crate extra.

"THE KRETCHINER" SECTION FOLDER

Just the thing to put one-piece sections together. Each 75c.

"THE PORTER" BEE ESCAPE

Put in a board, which is placed between the body of hive and super you wish to clear of bees. The bees can pass to the brood chamber but not return. Each 20c; doz \$2.25.

QUEEN OR DRONE TRAPS

The Alley—It is placed over the entrance of the hive, the queen being captured, and thus preventing a swarm from absconding. Each 45c; doz \$4.



BEE SMOKER

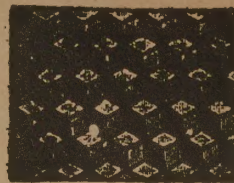
We offer the "Goold," one of the best smokers made, large and powerful, equal to any work. No. 1, smoke barrel, with bent nozzle, price \$1.25. No. 2, without bent nozzle, \$1.00.

BEEES

We offer the Goold, Shapely and Muir Co. strain of bees. They are in Langstroth hives. Bees to be delivered in May. Price per colony, \$6.50 to \$7.50, including hive, comb, lid and bottom board. The greatest care is taken to ensure the safe delivery of all colonies of bees, but customers will please note that after they leave the apairy they are entirely at purchaser's risk.

QUEENS

Grade and Quantity.	April	May	June	July	Aug.	Sept.	Oct.
Untested Queens....	\$1.25	1.00	1.00	1.00	1.00	1.00	1.00
Tested Queens.....	2.25	2.00	1.50	1.25	1.25	1.25	1.35
Select Tested Queens	3.00	2.50	2.00	2.00	2.00	2.00	2.00
Imported Queens....	7.00	7.00	6.00	5.00	4.00	4.00	4.00



COMB FOUNDATION

The wax is tempered as in nature, making it acceptable to bees, and of even thickness. Price, brood foundation, per lb 50c; section foundation, 62c per lb.

(Prices liable to change without notice). If wanted by mail add 10c per lb for postage.

QUEEN'S CAGES

Queen Cell Protectors, each 5c; 10 for 45c; 50 for \$2.00. Queen's Cages with feeders, each 10c; 10 for 75c.

PERFORATED METAL

This is used between the upper and lower story to prevent the queen from passing up. Also used for drone guards and queen traps. Per sq. ft. 10c.

EXTRACTORS.

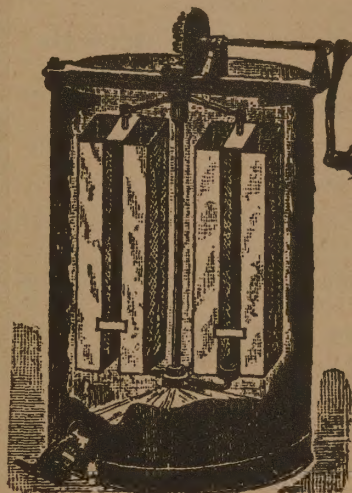
Our Extractors are made of the very best material, steel frames. Give size of frame in ordering.

No. 1—Two frame machine \$5.50.

New Goold—Can be made to fit any size frame, sometimes two sizes but the size must be given when ordering—two frame, \$7; four \$8.50.

Goold Reversible—Two frame Langstroth, \$18.00, four frame, \$16.

Other sizes. Prices on application.



Goold Reversible Automatic Extractor.

HONEY KNIVES

Ebony handle and fine mirror finish. Each \$1.00.

RUBBER GLOVES

For handling bees. Ladies' half long, sizes 6, 7, 8 and 9, per pair \$1.65. Gentlemen's half long, sizes 10, 11 and 12, per pair, \$1.85. In ordering by number, remember that if you wear No. 5 in kid you will need No. 7 in rubber.

BEE BOOKS

Langstroth on the Honey Bee—Price \$1.50.

A. B. C. of Bee Culture—Price \$1.25.

Bee Keeping Explained—Quinby. Price \$1.

Canadian Bee Journal—\$1.00 per annum.

SPRATTS PATENT LIMITED

We are Agents for all Spratts Manufactures and Supplies

Carriage paid by customers except where noted. Spratts Descriptive Catalogue mailed free on application.

SPRATTS DOG CAKES

Patent Meat "Fibrine" Vegetable Dog Cakes (with Beetroot)—Per 100 lbs \$7.00, 50 lbs \$3.50, 25 lbs \$1.75, 10 lbs 75c, 5 lbs 40c, 3 lbs 25c.
Patent Charcoal Dog Cakes—Per 100 lbs \$7.00.
Patent Greyhound Meat "Fibrine" Dog Cakes (with Beetroot)—Per 100 lbs \$7.25.
Oatmeal Plain Round Dog Cakes—Per 100 lbs \$6.00.
Plain Round Dog Cakes—Per 100 lbs \$5.
Puppy Cakes—3 lbs 30c, 5 lbs 50c, 100 lbs \$7.50.
Pet Dog Cakes—3 lbs 35c, 5 lbs 55c, 100 lbs \$8.
Patent Cod Liver Oil Dog Cakes—3 lbs 35c, 5 lbs 55c, 100 lb box \$8.



Puppy Food—Per tin 3 lbs \$1, 1 lb 50c.
Pepsinated Puppy Meal—Sample tin 25c, 2 lbs 50c.
Puppy Bone Meal—Per tin 2 lbs 25c.
Bone Meal—2 lb tin 25c.
Granulated Bone—100 lbs \$3.50, 50 lbs \$1.75.
Cardiac—A tonic powder. Sample 10c, per lb 25c, postpaid.

Patent Poultry Meal—Per 100 lbs \$6, 50 lbs \$3.25, 25 lbs \$1.75, 10 lbs 75c.
Patent Game Meal—Per 100 lbs \$6, 50 lbs \$3.25, 25 lbs \$1.75, 10 lbs 75c.
Ground Beef—Per 100 lbs \$3.00, 50 lbs \$1.50, 25 lbs 85c, 10 lbs 35c.
Granulated Prairie Meat "Grissel"—Per 100 lbs \$4.50, 25 lbs \$1.25, 10 lbs 60c.
Pigeon Food—Per 100 lbs \$6, 50 lbs \$3.25, 25 lbs \$1.75, 10 lbs 75c, 5 lbs 40c.
Fish Meal—Per 100 lbs \$5, 50 lbs \$2.75.
IMPORTED DOG BRUSHES, COMBS AND CHAINS—Catalogue on application.
DOG SOAP—Per cake 25c.

SPRATTS DOG MEDICINES

All medicines in bottles, bottles or tins free by mail

Alterative Cooling Powders—Per box 50c.
Apertient Tasteless Biscuits—Per tin 50c.
Chronic Skin Disease Cure—Per box 50c.
Cough Pills—Per box 50c, sample box 25c.
Chorea (St. Vitus Dance) Pills—Per box 50c.
Diarrhoea and Dysentery Cure—Per bottle 50c and 25c.
Distemper Cure—Box 50c.
Disinfectant—Pkge 20c, 1 pkge makes 4 gals.
Ear Canker Lotion—Bottle 50c and 25c.
Eczema Lotion—Per bottle 50c

Hair Stimulant—Per bottle 50c.
Insect Powder—Per tin 25c.
Jaundice or Yellows—Per box 50c.
Locurium (patent)—Bottle 25c and 50c.
Mange Cure—Bottle 50c, gallon \$3.50, half gallon \$2.
Purging Pills—Per box 50c.
Rheumatism and Sprain Liniment—Per bottle 50c.
Rheumatism and Chest Founder Pills—Per box 25c and 50c.
Tonic Condition Pills—Per box 50c and 25c.
Vegetable Puppy Vermifuge—Per box 50c.
Worm Cure—Per box 50c.

BOOKS—Free by Mail

The Common Sense of Dog Doctoring—By Spratts Patent. 25c.
The Common Sense of Poultry Keeping—By Spratts Patent. 10c.
The Common Sense of Pheasant Rearing—By Spratts Patent. 10c.
Kennel Secrets—By Ashmont. (Illust.) \$3.
Modern Training, Handling and Kennel Management—By B. Waters. (Illust.) \$2.
Our Prize Dogs—By C.H. Mason. (Illust.) \$3.50
Kennel Records—Each 50c.
Pedigree Blanks—Each 5c, doz 50c.

STANDARD FERTILIZERS

Feed Your Soil and it will Feed You!

90

TALKS ON MANURE—By Joseph Harris, M.S., 366 pages, contains ample information on Manures and Fertilizers, their use, utility, effectiveness, etc. Price, bound in cloth, \$1.75 postpaid.

FERTILIZERS, a New Edition—Where to get formulas for various crops, how to apply. By J. J. H. Gregory, paper. Price, 40c, postpaid.



Potato Manure

Ammonia, 3 to 4 %
Phosphoric Acid 8 to 10 %
Potash, 5 to 7 %

May be used in the hills or rows, mixing and covering with earth, provided it is scattered well. Use three sacks and upwards per acre on ordinary land. Price, per lb 10c, 10 lbs 50c, 100 lbs \$2.25, 200 lbs \$4.00, per ton \$35—discount of 5 per cent. for cash on orders of one-half ton and over.

"Sure Growth"

For Grain, Grass, Grapes, Vegetables, Etc.

Ammonia, 3½ to 5 %; Phosphoric Acid, 8 to 10 %; Potash, 3 to 4 %.

It is adapted to all soils, and not only yields immediate results, but is also lasting in its effects. It gives the growing crop a vigorous start, and will greatly increase the yield. Price, per lb 10c, 10 lbs 50c, 100 lbs \$2.25, 200 lb sack \$4.00, per ton \$35—discount of 5 per cent. for cash on orders of one-half ton and over.

Bone and Potash

Ammonia, 2 to 3 %; Phosphoric Acid, 9 to 10 %; Potash, 6 to 8 %.

Those who think they had rather have bone ought also to have combined with potash, since potash is fully as essential as bone. Price, per lb 10c, 10 lbs 50c, 100 lbs \$2.25, 200 lbs \$4.00, per ton \$35—discount of 5 per cent. for cash on orders of one-half ton and over.

Pure Bone Meal

Ammonia, 3 to 5 %; Phosphoric Acid, 23 to 25 %.

We guarantee our ground bone to be a strictly genuine article. It is made from clean, dry bones. We recommend it chiefly for grass and land feeding purposes. Per lb 10c, 5 lbs 30c, 10 lbs 50c, 25 lbs 75c, 100 lbs \$2.00, 200 lbs \$3.75, per ton \$34.00—discount 5 per cent. for cash on orders of one-half ton and over.

Bone Flour

Per lb 10c, 10 lb 50c, 50 lb \$2.00, 100 lb \$3.50.

Potash Fertilizers

Excellent for FRUIT TREES, GRAPE VINES, ETC.

Beaver Brand—10 to 14 % of Potash and Phos. Acid and from 30 to 40 % of Bone Phosphate and Wood Lime. In barrels of 250 lbs \$5.00, per ton \$30.00.

Star Brand—16 to 20 % of Potash and Phos. Acid, and from 25 to 35 % of Bone Phosphate, and the same of Wood Lime. Per barrel of 200 lbs \$5.00, per ton \$40.00.

Harris' "Animal Manure" (H.)

100 lbs \$1.50, ton \$25.00.

Harris' "Blood and Bone Fertilizer" (C.)

100 lbs \$1.50, ton \$25.00.

Celery and Early Vegetable Manure

Ammonia, 6 to 8 %; Phosphoric Acid, 9 to 10 %; Potash, 6 to 8 %.

It has been used on celery planted on very poor ground, producing remarkable results, by dissolving a teaspoonful to a gallon of water, applying it twice per week (keep well stirred while applying). It can also be used on Celery by mixing ½ to ¾ gypsum. Price, per lb 10c, 10 lbs 50c, 100 lbs \$2.75, 200 lbs \$5.00, per ton \$45—discount of 5 per cent. for cash on orders of one-half ton and over.

Farmers' Grass and Grain Manure

Ammonia, 2 to 3 %; Phosphoric Acid, 9 to 11 %; Potash, 1 to 2 %.

This brand will be found to be an excellent fertilizer for pasture lands and top dressing, also for young orchards, small fruit, and a general crop raiser. Price, per lb 10c, 10 lbs 50c, 100 lbs \$1.50, 200 lb sack \$2.75, per ton \$25—discount of 5 per cent. for cash on orders of one-half ton and over.

Bowker's Sure Crop

Price, per 100 lbs \$1.75, per ton \$30.00.

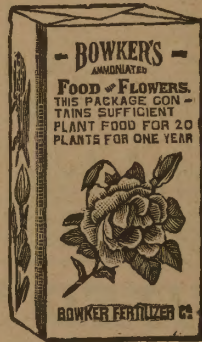
Alberts' Concentrated Horticultural Manure

Is soluble in water and contains the correct proportions necessary to produce the very best results in growing flowers. Price, per lb 15c, 10 lbs \$1.25, 100 lbs \$9.00.

Write for descriptive pamphlet, which gives full particulars regarding Alberts' Manures.

Nitrate of Soda

This is valuable solely for the nitrogen it contains, equal to 20 per cent. of ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. It is very quick in action and hastens the maturity of crops fully to weeks, and besides renders the mineral plant food of the soil more assimilable. It is the best of all substitutes for stable manures. 100 to 150 lbs per acre, mixed with wood ashes or land plaster for convenience in applying, are generally used. Price, per lb 10c, 5 lbs 30c, 10 lbs 50c, 25 lbs \$1.00, 50 lbs \$1.65, 100 lbs \$3.00.



FOOD FOR FLOWERS

Bowker's Plant Food

A fertilizer made expressly for plants grown in the house, garden or conservatory; clean, free from offensive odor, soluble in water and producing healthy plants, free from vermin, with early and abundant blossoms, to which it imparts luxuriant growth and rich and brilliant flowers.

This plant food has been sold by us to hundreds of lovers of flowers in Canada, especially during the winter and spring months, never failing to give entire satisfaction to the purchaser, and has produced great gratification by the surprisingly pleasing results in consequence of its having been applied according to directions which accompany each package sent out. Price No. 1 Regular Sized Package, sufficient for 20 plants for one year, 35 cents. No. 2 Package, sufficient for 20 plants for three months, 25 cents. Postage paid on receipt of price. Price in bulk, 4 lbs 60c; by mail (postpaid) 80c; 5 lbs 75c; by mail (postpaid) 95c; 10 lbs \$1.25, per express.

Tobacco Manure

Lb 10c, 10 lb 50c, 50 lb \$1.50, 100 lb \$2.75, 200 lb \$5.00, ton \$45.00.

Alberts' Thomas Phosphate Powder

The most profitable of all artificial manures for green crops, grain or grass. Most valuable for orchards. Price, per 100 lbs \$1.50, per ton \$25.00.

GUANO, Genuine Peruvian

A standard fertilizer throughout the entire country, and in almost universal use. A weak solution, applied once or twice a week is very beneficial for house plants. Price, lb 10c, by mail, postpaid, 15c; 100 lbs \$4.50.

LAND PLASTER OR GYPSUM—Per sack (200 lbs) \$1.00.

HORN SHAVINGS—Per 100 lbs \$2.00.

LAND SALT—Per sack (200 lbs) \$1.00.

Clay's Fertilizers

This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. Should be used in potting soil, and spread on staging of greenhouses planted with flowering plants. Per bag of 25 lbs \$2.50, 50 lbs \$4.75, 100 lbs \$9.00.

SIMMERS' FLOWER, LAWN AND PARK DRESSING—It is manufactured to meet the demand for a lawn dressing, all prepared, ready for immediate use, requiring no further mixing. It is in no sense a stimulant, but a complete manure, containing all the plant food required to make grass grow, and in a form quickly and easily taken up. It may be applied at any time during the spring, summer or autumn, or as often as the grass seems to need nourishment.

Price of 5 lb pkg., sufficient for 75 square yds. \$ 50
" 10 " " 120 " 75
" 25 " " 400 " 1.50

Prepared Potting Soil

Finding that many of our customers in cities were unable to secure suitable soil for their garden and pot plants, we have prepared a judicious preparation of well enriched soil in proper proportion of fertilizer for potting plants. We can highly recommend our Prepared Leaf Mould, and are confident you will be pleased with the results. It is put up in 100 and 200 lb sacks, and can be supplied at all seasons of the year. Per 25 lbs 35c, 50 lbs 55c, 100 lbs \$1.00.

ROCK SALT—Per 100 lb 75c.

Soluble in Water, Free from Odor and Clean to Handle.

DAIRY SUPPLIES

Babcock Milk Testers—Every dairyman who keeps a half-dozen cows ought to provide himself with one of Babcock's Milk Testers, if he cares the snap of his finger to know whether he has a cow in the herd that is worth keeping. More than one cow "eats her head off" every year she is kept.

4 Bottle Tester, complete.....\$6 00 | 8 Bottle Tester, complete.....\$8 00
6 Bottle Tester, complete.....7 00 | 10 Bottle Tester, complete.....10 00

Boxing 25c extra. Test bottles, Acid measure, Pipette and one-half gallon Sulphuric acid with each machine.

Parkes Jersey Butter Color—Price, per bottle 15c and 25c ea.

The Little Detective—Will show in less than 2 minutes whether or not water has been added to pure milk. Sent to any address, postpaid, \$1.00.

Parchment Paper—For Packing and Preserving Butter—1 lb Butter size, 8x11, \$1.35 per 1,000 sheets, or 1c for 7 sheets, postpaid. 2 lb Butter, size, 10x15, \$2.25 per 1,000 sheets, 1c for 4 sheets, postpaid. Tub size, 12x36, \$1.00 per 100 sheets. Full Sized Sheets, 20x30, \$1.00 per 100 sheets; 14x50, \$2.50 per 100 sheets.

Imitation Parchment—8x11, \$1.00 per 1,000 sheets.

Printing—\$1.00 per 1,000 sheets extra.

Thermometers—New Float—Will stand upright. The scale stands up out of the milk so that it can be easily read. Each 50c.

Ordinary Float—Priceeach 40c

Butter Ladies—Factory size, each 50c; Dairy size.....each 25c

Butter Mould and Printer—Has all the advantage of the higher priced moulds, and does the work equally as well. 1 lb size, pair 75c.

Lever Butter Worker—Cheapest and best; made of the best white ash and warranted complete in every respect.

No. 0—20 inches wide, will work 15 lbs.....\$ 4 00

No. 1—30 inches wide, will work 25 lbs.....5 00

No. 2—40 inches wide, will work 35 lbs.....5 50

No. 3—Factory size, will work 60 to 75 lbs.....10 00

Improved Daisy Barrel Churn—The Daisy Churn has become a popular favorite with the Canadian farmers generally—the large creameries and scientific butter makers in particular. It is made of the very best quality of white oak; has no iron to come in contact with the cream; has no dashes or breaks inside, and is the easiest churn to clean ever made. The inside is perfectly smooth.

No. 0—Seven Gallon Churn for one cow.....\$ 3 00

No. 1—Nine Gallon Churn, churns from 1 to 4 gallons.....3 25

No. 2—Fifteen Gallon Churn, churns from 1 to 7 gallons.....3 50

No. 3—Twenty Gallon Churn, churns from 1 to 9 gallons.....4 00

No. 4—Twenty-five Gallon Churn, churns from 1 to 12 gallons.....4 50

No. 5—Thirty-five Gallon Churn, churns from 1 to 16 gallons.....6 00

SIMMERS' "TORONTO PARKS" Lawn Grass Seed

IS THE BEST FOR OUR CANADIAN CLIMATE
With it you can make **LAWNS, GRASS PLOTS,
CRICKET GROUNDS, TENNIS COURTS, etc.**
AS SOFT AS VELVET AND AS GREEN AS EMERALD
ALL SUMMER LONG.

PRICE 25 CENTS PER POUND, POSTPAID 30 CENTS PER POUND.

SPRING being the most favorable time for sowing lawn grass seed, we would advise every person intending to sow a piece of ground for a lawn to have it in good time richly manured and carefully dug, levelled and raked, and after procuring a proper mixture of such grasses as we offer, for the purpose of procuring a good lawn, sow the same rather thick, carefully and evenly on a calm day. The sower should be provided with boards strapped to his boots to prevent his feet from sinking into the ground and producing holes. The sowing should be commenced on one end of the ground and the seed be gently raked into the ground as it is sown. To protect the fine germ of the grasses from the rays of the sun in spring and summer following, it is advisable to mix a moderate quantity of rye among it when sowing the grass seed. As the rye grows much more vigorously than the grass seed, it has to be cut frequently, and as soon as it is about six inches in height; it should never be allowed to grow above this height. In the autumn the rye will perish of itself, leaving only the perennial grasses, which by that time will have gained sufficient strength to do without protection, excepting, perhaps, a slight covering of litter during the winter. Care should be taken to prevent anyone passing over or using the ground the first year, and until it is sufficiently settled.

The Lawn Grass Seed we offer is a judicious mixture of the most hardy and desirable kinds. The quantity required for an acre is from 30 to 50 lbs.; or for renovating old lands, 20 to 30 lbs.

A beautiful lawn, with its close, velvety turf is a most essential feature in the adornment of all suburban homes—without it the finest flowering plants and bedding seem insignificant, while with it handsome grounds are assured, even with no other adornment.



**TORONTO
PARKS MIX-
TURE, Finest
Quality (with or
without White Clover)**

—Per lb 25c, postpaid 30c, 5 lbs \$1.15, 10 lbs \$2.20, 25 lbs \$5.25, 50 lbs \$10.00, 100 lbs \$20.00.

White Dutch Clover, for mixing with Lawn Grass Seed—Per lb 30c.

"SHADY NOOK" MIXTURE—For sowing under trees and in shady places. It will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 40 lbs per acre. Per lb 35c, postpaid 40c.

BLUE GRASS, Extra Clean—Per lb 15c, 10 lbs \$1.40.

RED TOP, Extra Clean—Per lb 15c, 5 lbs 70c, 10 lbs \$1.40.

SIMMERS' LAWN ENRICHER, for old and new lawns—For full description see previous page. 5 lbs 50c, 10 lbs 75c, 25 lbs \$1.50, 50 lbs \$2.75, 100 lbs \$5.00. Prices for larger quantities on application.



"Shady Nook" Mixture—Per lb 35c, postpaid 40c.

"JADOO" FIBRE

A New Material in which every plant thrives without earth.

A great boon to growers and lovers of flowers, whether plants, cuttings, bulbs or seeds. Success made easy and sure with the finest and most difficult Greenhouse Seed, such as Primulas, Cinerarias, Calceolarias, Double Petunias, etc. The most difficult plants and bulbs to grow (which are very often the most beautiful also), will grow, thrive and bloom in "Jadoo" with ease and certainty. Bulbs for winter blooming potted in "Jadoo" will flower sooner, better and larger, while the material is cleaner, more pleasant and lighter than soil.

Price of "Jadoo" Fibre by Freight or Express at Buyer's Expense—100 lbs., \$3.00; 25 lbs., \$1.10; 10 lbs., 50c; 5 lbs., 30c.

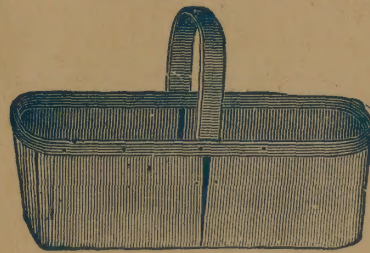
CONCENTRATED "JADOO" LIQUID

Both Meat and Drink to Plants.

Is simply invaluable in Pot Culture, and is the cheapest Fertilizer sold. Both meat and drink to plants. Revives drooping plants, strengthens the weak and nourishes the strong; above all, it increases the size, causes greater profusion of bloom, and heightens the colors of all flowers and plants. Can be used on flowers and plants that are grown in earth or "Jadoo" Fibre.

Price of "Jadoo" Liquid, by freight or express, at buyer's expense—Pint bottle, 25c; 1 gallon, \$1; 2 gallons in jacketed can, \$1.75.

Mix with the "Jadoo" Liquid before using, *forty-eight parts water to one part liquid*. This will not only be found useful for plants grown in "Jadoo" Fibre, but also for watering plants in earth. It is the *Cheapest Fertilizer* that can be bought.



Fruit Basket



Fruit... Baskets

Fruit Growers,
Farmers and Gar-
deners will find our
Baskets, which are



Berry Box

of the Oakville manufacture,
the best in the market.

16 Quart or 20 lb. Basket—without covers. Per doz 60c, per 25 \$1.15, per 100 \$4.10.

Pickers' Field Basket—Each 10c, per doz \$1.00.

12 Quart or 16 lb Basket—Per doz 50c, per 25 \$1.00, per 100 \$3.75.

8 Quart or 10 lb. Basket—Per doz 45c, per 25 90c, per 100 \$3.50.

Patent Leno Covers, for any of the above—Per doz 25c, per 25 40c, per 100 \$1.50.

Wood or Veneer Covers—Per doz 20c, per 25 35c, per 100 \$1.25.

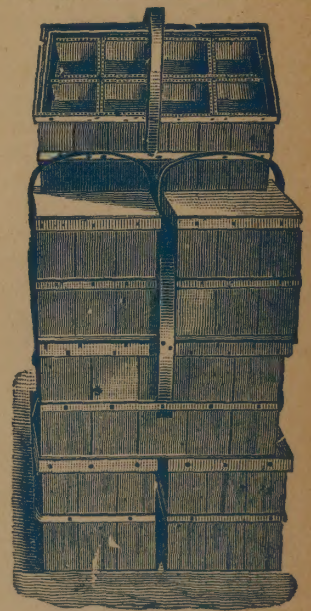
5 lb. Grape Basket without cover—Per doz 45c, 100 \$3.25.

24 Quart Crate, including cover—Each 15c, doz \$1.50, per 25 \$3.00.

Slats for 54 Quart Crates—Per doz 45c, per 25 85c, per 100 \$3.00.

Berry Boxes, one quart—Per 100 40c, per 1,000 \$3.25, per 3,000 at \$3.00 per 1,000.

Plant Boxes—Per 100 70c, per 1,000 \$6.00.



24 Quart Basket Crate

J.A. SIMMERS

Seed Merchants
& Growers

147, 149 & 151,

King St. E.

**TORONTO
ONT.**

J.A. SIMMERS
SEEDS
TORONTO

Our Peoples Collection
For 1899

16 FULL SIZED PACKETS

FOR 50¢ POST PAID, REGULAR PRICE 85¢

CORN, SIMMERS' FIRST OF ALL, 5cts. PER PKT.

CABBAGE, SIMMERS' EARLY GERMAN BRUNSWICK, 5cts. PER PKT.

CARROT, SIMMERS' SCARLET CHANTENAY, 5cts. PER PKT.

MELON, SIMMERS' DOMINION MUSK, 10cts. PER PKT.

TOMATO, SIMMERS' IMPERIAL, 5cts. PER PKT.

ONION, SIMMERS' LARGE YELLOW GLOBE DANVERS, 5cts. PER PKT.

ONION, SIMMERS' EARLY WHITE QUEEN, 5cts. PER PKT.

CUCUMBER, SIMMERS' IMPROVED LONG GREEN, 5cts. PER PKT.

BEET, SIMMERS' EXTRA EARLY, 5cts. PER PKT.

RADISH, SCARLET OLIVE SHAPED, WHITE TIPPED, 5cts. PER PKT.

PARSNIP, SIMMERS' HOLLOW CROWNED, 5cts. PER PKT.

SQUASH, SIMMERS' CROCKNECK, 5cts. PER PKT.

PEAS, SIMMERS' FIRST OF ALL, 5cts. PER PKT.

BEAN, SIMMERS' EARLY GIANT,

WAX OR BUTTER, 5cts. PER PKT.

LETTUCE, SIMMERS' NONPARIEL

CABBAGE, 5cts. PER PKT.

BEAN, SIMMERS' CANADIAN

WONDER, GREEN PODDED,

5cts. PER PKT.

PAINTED
FROM NATURE